

Ar		a - Two-phase fluid-fluid		H ₂ O	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
Ar	Kr	Argon			
	N ₂	Krypton	1111	1633	2-397
	CH ₄	Dinitrogen	1131	3297	2-402
	C ₂ H ₆	Methane	1111	1428	2-396
	C ₂ H ₆	Ethane	1111	1568	2-396
BF ₃	C ₂ H ₆	Ethane	1111	3186	
		Boron trifluoride			
ClH	C ₄ H ₁₀	Butane	1111a	1824	
		Hydrogen chloride			
	FH	Hydrogen fluoride	1111a	1342	
	FH	Hydrogen fluoride	1131	0090	2-400
	N ₂ O	Dinitrogen oxide	1111	0734	
	CCl ₂ O	Carbonyl dichloride	1111	1343	
	CF ₄	Tetrafluoromethane	1111a	3005	2-400
	CH ₂ F ₂	Diffuoromethane	1131	0380	2-401
	CH ₃ Cl	Chloromethane	1111	3212	
	C ₂ H ₃ Cl	Chloroethene	1111	1344	2-401
	C ₂ H ₃ ClF ₂	1-Chloro-1,1-difluoroethane	1111	1091	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1111	2960	
Cl ₂		Dichlorine			
	CCl ₂ F ₂	Dichlorodifluoromethane	1111	2212	
	CHClF ₂	Chlorodifluoromethane	1111	2211	
Cl ₄ Si	CH ₂ F ₂	Diffuoromethane	1111	2210	
		Silicon tetrachloride			
	Cl ₄ Sn	Tin tetrachloride	1131	3062	2-406
	Cl ₄ Ti	Titanium tetrachloride	1131	3063	
	CCl ₄	Tetrachloromethane	1111	3059	2-405
	C ₆ H ₁₄	Hexane	1111	1792	2-405
	C ₇ H ₁₆	Heptane	1111	1776	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	1777	
		Tin tetrachloride			
	Cl ₄ Ti	Titanium tetrachloride	1131	3064	
Cl ₄ Sn	CCl ₄	Tetrachloromethane	1131	3060	2-406
		Titanium tetrachloride			
Cl ₄ Ti	CCl ₄	Tetrachloromethane	1131	3061	
		Hydrogen fluoride			
FH	CCl ₂ F ₂	Dichlorodifluoromethane	1131a	0482	
	CHClF ₂	Chlorodifluoromethane	1111	2792	2-399
	CH ₂ F ₂	Diffuoromethane	1111	1475	
	C ₂ HClF ₄	1-Chloro-1,2,2,2-tetrafluoroethane	1111	1476	
	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1111	1474	
	C ₂ H ₃ ClF ₂	1-Chloro-1,1-difluoroethane	1111	2793	
	C ₂ H ₃ Cl ₂ F	1,1-Dichloro-1-fluoroethane	1111a	2794	
	C ₂ H ₄ F ₂	1,1-Difluoroethane	1111	2799	
	C ₃ F ₈	Octafluoropropane	1131a	0484	2-399
	C ₄ F ₈	Octafluorocyclobutane	1131a	0483	
F ₆ S		Sulfur hexafluoride			
	H ₂ O	Water	1111a	1733	
H ₂ O		Water			
	CH ₄ O	Methanol	1131	0602	2-383
	CH ₄ O	Methanol	1232	3225	
	CH ₄ O	Methanol	1311	0148	2-383
	C ₂ H ₃ F ₃ O	2,2,2-Trifluoroethanol	1131	0955	
	C ₂ H ₃ F ₃ O	2,2,2-Trifluoroethanol	1231	1786	
	C ₂ H ₃ F ₃ O	2,2,2-Trifluoroethanol	1311	3282	
	C ₂ H ₃ N	Ethanenitrile	1111	0591	
	C ₂ H ₄ O	Oxirane	1111	1341	
	C ₂ H ₄ O ₂	Ethanoic acid	1231	2632	
	C ₂ H ₄ O ₂	Ethanoic acid	1231	0043	2-393
	C ₂ H ₄ O ₂	Ethanoic acid	1231	0564	2-393
	C ₂ H ₄ O ₂	Methyl methanoate	1111a	0217	2-392
	C ₂ H ₅ NO	N-Methylmethanamide	1111	2206	
	C ₂ H ₅ NO	N-Methylmethanamide	1111	0461	
	C ₂ H ₆ O	Dimethyl ether	1111a	1239	2-381
	C ₂ H ₆ O	Dimethyl ether	1311	2005	
	C ₂ H ₆ O	Ethanol	1111	0597	
	C ₂ H ₆ O	Ethanol	1111	0868	

H₂O		a - Two-phase fluid-fluid		H₂O	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
H₂O		Water (cont.)			
	C ₂ H ₆ O	Ethanol	1111	0601	2-384
	C ₂ H ₆ O	Ethanol	1111	2298	
	C ₂ H ₆ OS	Dimethyl sulfoxide	1111	2475	
	C ₂ H ₆ O ₂	Ethane-1,2-diol	1111	0446	
	C ₂ H ₆ O ₂	Ethane-1,2-diol	1111	2563	
	C ₂ H ₆ O ₂	Ethane-1,2-diol	1131	2044	2-387
	C ₂ H ₆ O ₂	Ethane-1,2-diol	1311	2547	
	C ₃ H ₆ O	Propan-2-one	1111	0870	2-390
	C ₃ H ₆ O	Propan-2-one	1231	1429	2-390
	C ₃ H ₆ O	Prop-2-en-1-ol	1211	0170	2-386
	C ₃ H ₆ O	Prop-2-en-1-ol	1221	0171	
	C ₃ H ₆ O ₂	1,3-Dioxolane	1131	1849	2-382
	C ₃ H ₆ O ₂	1,3-Dioxolane	1231	1185	
	C ₃ H ₆ O ₂	Ethyl methanoate	1111a	0216	
	C ₃ H ₆ O ₂	Ethyl methanoate	1131a	0891	2-392
	C ₃ H ₆ O ₃	1,3,5-Trioxane	1111	0928	2-382
	C ₃ H ₇ NO	N,N-Dimethylmethanamide	1111	2479	2-395
	C ₃ H ₇ NO	N,N-Dimethylmethanamide	1131	0680	2-395
	C ₃ H ₇ NO	N-Methylethanamide	1111	2085	
	C ₃ H ₈ O	Propan-2-ol	1131	0682	2-385
	C ₃ H ₈ O	Propan-2-ol	1231	1072	
	C ₃ H ₈ O ₂	2-Methoxyethanol	1131	2045	2-388
	C ₃ H ₈ O ₂	Propane-1,2-diol	1111	2474	
	C ₃ H ₈ O ₂	Propane-1,3-diol	1111	2473	
	C ₃ H ₈ O ₂	Propane-1,3-diol	1231	2667	2-387
	C ₄ H ₅ N	Pyrrole	1131a	0382	
	C ₄ H ₆ O	2,5-Dihydrofuran	1111	1461	
	C ₄ H ₈ O	Butanal	1131a	1366	2-389
	C ₄ H ₈ O	Butan-2-one	1211a	0083	
	C ₄ H ₈ O	Butan-2-one	1231a	0085	
	C ₄ H ₈ O	Butan-2-one	1231a	3143	
	C ₄ H ₈ O	Butan-2-one	1241	0084	2-391
	C ₄ H ₈ O ₂	1,4-Dioxane	1111	0599	
	C ₄ H ₈ O ₂ S	Thiolane 1,1-dioxide	1111	0438	
	C ₄ H ₈ O ₂ S	Thiolane 1,1-dioxide	1111	0441	
	C ₄ H ₈ O ₂ S	Thiolane 1,1-dioxide	1111	2559	2-394
	C ₄ H ₈ O ₂ S	Thiolane 1,1-dioxide	1231	1736	2-394
	C ₄ H ₈ O ₃	Methyl (S)-(-)-2-hydroxypropanoate	1111	2248	
	C ₄ H ₉ N	Pyrrolidine	1131	0937	
	C ₄ H ₉ NO	N,N-Dimethylethanamide	1111	1065	
	C ₄ H ₉ NO	Morpholine	1131	0227	
	C ₄ H ₉ NO	Morpholine	1231	0691	
	C ₄ H ₁₀ O	Butan-1-ol	1111a	0810	2-384
	C ₄ H ₁₀ O	Butan-2-ol	1111a	1250	
	C ₄ H ₁₀ O	Butan-2-ol	1111a	0811	
	C ₄ H ₁₀ O	Diethyl ether	1111a	1516	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1111a	0812	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	0813	
	C ₄ H ₁₀ OS	Diethyl sulfoxide	1111	2243	
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1131	2046	
	C ₄ H ₁₀ O ₂	(+,-)-1-Methoxypropan-2-ol	1131	2049	
	C ₄ H ₁₁ NO ₂	Bis(2-hydroxyethyl)amine	1111	1458	
	C ₄ H ₁₁ NO ₂	Bis(2-hydroxyethyl)amine	1111	0722	
	C ₅ H ₄ O ₂	2-Furaldehyde	1211a	2303	2-389
	C ₅ H ₅ N	Pyridine	1111	0505	
	C ₅ H ₆ N ₂	2-Methylpyrazine	1121	1415	
	C ₅ H ₉ NO	1-Methylpyrrolidin-2-one	1111	0374	
	C ₅ H ₁₀ O ₂	Butyl methanoate	1111a	0218	
	C ₅ H ₁₂ O	3-Methylbutan-1-ol	1231a	1989	2-385
	C ₅ H ₁₂ O	2-Methylbutan-2-ol	1111a	3295	2-386
	C ₅ H ₁₂ O	Pentan-1-ol	1231a	1990	
	C ₅ H ₁₂ O ₂	4-Methyl-3-oxapentan-1-ol	1131	2048	
	C ₅ H ₁₃ N	N,N-Diethylmethylamine	1111	0054	
	C ₅ H ₁₃ N	N-Methylbutylamine	1111	0375	
	C ₆ H ₇ N	2-Methylpyridine	1111	0506	
	C ₆ H ₇ N	3-Methylpyridine	1111	0508	

H₂O		a - Two-phase fluid-fluid		CCl₄	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
H₂O		Water (cont.)			
	C ₆ H ₇ N	4-Methylpyridine	1111	0507	
	C ₆ H ₁₂ O	Cyclohexanol	1431	3293	
	C ₆ H ₁₂ O	4-Methylpentan-2-one	1111a	1251	2-391
	C ₆ H ₁₂ O	4-Methylpentan-2-one	1231a	0086	
	C ₆ H ₁₂ O	4-Methylpentan-2-one	1231a	1517	
	C ₆ H ₁₂ O ₂	Butyl ethanoate	1231a	0087	
	C ₆ H ₁₂ O ₂	4-Hydroxy-4-methylpentan-2-one	1131	0889	
	C ₆ H ₁₃ N	Cyclohexylamine	1131	2359	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1111a	3302	2-381
	C ₆ H ₁₄ O ₂	3-Oxaheptan-1-ol	1131	2047	2-388
	C ₆ H ₁₅ N	Triethylamine	1111a	0089	
	C ₇ H ₉ N	2,6-Dimethylpyridine	1111	0509	
	C ₇ H ₁₂ O ₄	Propane-1,2-diol diethanoate	1111a	0783	
	C ₇ H ₁₅ N ₂ O ₄ P	1-Methyl-3-methylimidazolium dimethylphosphate	1111	2391	
	C ₈ H ₁₁ F ₆ N ₃ O ₄ S ₂	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111a	2381	
	C ₁₀ H ₁₅ F ₆ N ₃ O ₄ S ₂	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111a	2385	
H₃N		Ammonia			
	Xe	Xenon	1111a	3237	
	C ₂ HF ₅	Pentafluoroethane	1111	0803	2-404
	C ₂ HF ₅	Pentafluoroethane	1111	2120	
	C ₃ H ₆	Propene	1131a	2040	
	C ₃ H ₈	Propane	1131a	2039	2-403
	C ₄ H ₁₀	Butane	1111a	1085	
	C ₆ H ₆	Benzene	1111	1704	2-404
	C ₆ H ₁₀	Cyclohexene	1111a	1705	2-403
	C ₉ H ₁₂	Isopropylbenzene	1111a	1703	
Kr		Krypton			
	Xe	Xenon	1111	3246	
	CH ₄	Methane	1111	3245	2-397
	C ₂ H ₄	Ethene	1111	0732	
N₂		Dinitrogen			
	O ₂	Dioxygen	1131	3296	2-402
	CH ₄	Methane	1111	1695	
	C ₂ H ₆	Ethane	1111a	0445	
N₂O		Dinitrogen oxide			
	Xe	Xenon	1111	0250	
	CH ₃ F	Fluoromethane	1111	0248	
	C ₂ H ₄	Ethene	1111	0444	
Xe		Xenon			
	CH ₃ Cl	Chloromethane	1111	3147	
	CH ₃ F	Fluoromethane	1111	0249	
	CH ₃ F	Fluoromethane	1111	0242	2-398
	C ₂ F ₆	Hexafluoroethane	1111	2769	
	C ₂ H ₄	Ethene	1111	1214	
	C ₃ H ₉ B	Trimethylborane	1111	0255	2-398
CBrF₃		Bromotrifluoromethane			
	CClF ₃	Chlorotrifluoromethane	1131	1158	2-105
	CHF ₃	Trifluoromethane	1131	1153	
	C ₂ ClF ₅	Chloropentafluoroethane	1311	2042	
	C ₂ Cl ₂ F ₄	1,2-Dichlorotetrafluoroethane	1311	2041	2-105
	C ₃ H ₆	Propene	1131	1147	
CClF₃		Chlorotrifluoromethane			
	CCl ₂ F ₂	Dichlorodifluoromethane	1131	1908	2-96
	CF ₄	Tetrafluoromethane	1131	0285	
	CF ₄	Tetrafluoromethane	1131	0371	
	CHF ₃	Trifluoromethane	1131	1242	2-94
	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1131	1155	2-94
	C ₃ H ₆	Propene	1131	1142	
CCl₂F₂		Dichlorodifluoromethane			
	CH ₂ F ₂	Difluoromethane	1131	1975	2-95
	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1131	1150	
	C ₃ H ₆	Propene	1131	1140	
CCl₃F		Trichlorofluoromethane			
	CHClF ₂	Chlorodifluoromethane	1111	2972	2-98
CCl₄		Tetrachloromethane			
	CHCl ₃	Trichloromethane	1111	3002	2-89

CCl₄CCl₄

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
CCl ₄		Tetrachloromethane (cont.)			
	CHCl ₃	Trichloromethane	1111	2006	
	CHCl ₃	Trichloromethane	1131	1306	2-89
	CHCl ₃	Trichloromethane	1131	1501	
	CH ₂ Cl ₂	Dichloromethane	1111	0518	
	CH ₂ Cl ₂	Dichloromethane	1131	1502	
	CH ₃ I	Iodomethane	1131	2918	
	CH ₃ NO ₂	Nitromethane	1131	1129	
	CH ₄ O	Methanol	1111	2007	
	CH ₄ O	Methanol	1111	3003	2-204
	CH ₄ O	Methanol	1121	0495	
	CH ₅ N	Methylamine	1111	1477	
	C ₂ Cl ₄	Tetrachloroethene	1111	2292	
	C ₂ HCl ₃	Trichloroethene	1231	3159	
	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane	1111	2291	
	C ₂ H ₃ Cl ₃	1,1,1-Trichloroethane	1111	1298	
	C ₂ H ₃ N	Ethanenitrile	1131	1128	
	C ₂ H ₄ Br ₂	1,2-Dibromoethane	1111	2029	
	C ₂ H ₄ Br ₂	1,2-Dibromoethane	1111	3024	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1111	1601	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1111	0519	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1131	0584	2-88
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1231	3160	
	C ₂ H ₄ O ₂	Ethanoic acid	1111	1968	2-208
	C ₂ H ₄ O ₂	Ethanoic acid	1131	1996	
	C ₂ H ₆ O	Ethanol	1121	0496	
	C ₂ H ₆ O	Ethanol	1131	1866	2-205
	C ₂ H ₆ S	2-Thiapropane	1111	0630	
	C ₂ H ₇ N	Dimethylamine	1111	1482	
	C ₃ H ₆ Cl ₂	1,3-Dichloropropane	1111	0520	
	C ₃ H ₆ O	Methyloxirane <undefined optical isomer>	1131	1021	2-202
	C ₃ H ₆ O	Propan-2-one	1131	0727	2-207
	C ₃ H ₆ O	Propan-2-one	1131	1622	
	C ₃ H ₆ O ₂	Ethyl methanoate	1131	0847	
	C ₃ H ₆ O ₂	Propanoic acid	1131	1997	2-208
	C ₃ H ₆ O ₃	Dimethyl carbonate	1121	1367	
	C ₃ H ₇ NO	N,N-Dimethylmethanamide	1131	2158	
	C ₃ H ₈ O	Propan-1-ol	1121	0497	
	C ₃ H ₈ O	Propan-2-ol	1231	2417	2-206
	C ₃ H ₈ O ₂	2,4-Dioxapentane	1121	0942	
	C ₃ H ₉ N	Trimethylamine	1111	1478	
	C ₄ H ₄ O	Furan	1111	0530	
	C ₄ H ₄ S	Thiophene	1131	2099	
	C ₄ H ₆	Buta-1,3-diene	1111	0903	
	C ₄ H ₈ Cl ₂	1,4-Dichlorobutane	1111	0521	
	C ₄ H ₈ O	Oxolane	1111	0532	2-202
	C ₄ H ₈ O	Oxolane	1111	2871	
	C ₄ H ₈ O	Oxolane	1111	2412	
	C ₄ H ₈ O	Oxolane	1121	0498	
	C ₄ H ₈ O ₂	1,4-Dioxane	1111	2879	2-203
	C ₄ H ₈ O ₂	1,4-Dioxane	1121	0499	2-203
	C ₄ H ₈ O ₂ S	Thiolane 1,1-dioxide	1131	1979	
	C ₄ H ₉ Cl	1-Chlorobutane	1131	0585	2-88
	C ₄ H ₉ NO	Butan-2-one oxime	1111	1590	
	C ₄ H ₁₀ O	Butan-1-ol	1121	0500	
	C ₄ H ₁₀ O	Diethyl ether	1121	0939	2-201
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1121	0501	
	C ₄ H ₁₀ O ₂	2,5-Dioxahexane	1121	0945	
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1111	2630	
	C ₄ H ₁₀ S	3-Thiapentane	1111	0631	
	C ₅ H ₅ N	Pyridine	1131	3309	2-329
	C ₅ H ₈ O	Cyclopentanone	1121	0622	
	C ₅ H ₁₀	Cyclopentane	1131	0726	2-65
	C ₅ H ₁₀ O ₃	Diethyl carbonate	1121	1610	
	C ₅ H ₁₂ O	Butyl methyl ether	1121	0943	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1131	1271	
	C ₅ H ₁₂ O ₂	3,5-Dioxaheptane	1121	0947	

CCl₄		a - Two-phase fluid-fluid		CHCl₃	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
CCl₄		Tetrachloromethane (cont.)			
	C ₆ F ₆	Hexafluorobenzene	1111	2020	
	C ₆ H ₆	Benzene	1111	0045	
	C ₆ H ₆	Benzene	1111	0034	2-66
	C ₆ H ₁₀ O	Cyclohexanone	1121	0623	2-207
	C ₆ H ₁₀ O	Cyclohexanone	1211	2285	
	C ₆ H ₁₂	Cyclohexane	1131	0044	2-65
	C ₆ H ₁₂	2,3-Dimethylbut-2-ene	1131	3252	
	C ₆ H ₁₄	Hexane	1111	0046	2-63
	C ₆ H ₁₄	Hexane	1111	2867	
	C ₆ H ₁₄	Hexane	1111	1784	
	C ₆ H ₁₄ O	Butyl ethyl ether	1121	0944	
	C ₆ H ₁₄ O	Dipropyl ether	1111	0581	
	C ₆ H ₁₄ O	Dipropyl ether	1121	0940	
	C ₆ H ₁₄ O ₂	3,6-Dioxaoctane	1121	0948	
	C ₆ H ₁₄ O ₃	2,5,8-Trioxanonane	1121	0946	
	C ₇ H ₈	Toluene	1111	0047	
	C ₇ H ₈	Toluene	1131	3037	2-66
	C ₇ H ₁₆	Heptane	1111	1782	
	C ₇ H ₁₆	Heptane	1111	2868	2-63
	C ₇ H ₁₆	Heptane	1111	0048	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1111	0049	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1111	2414	
	C ₈ H ₁₀	1,3-Dimethylbenzene	1111	2413	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	3315	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	0050	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	2415	
	C ₈ H ₁₀	Ethylbenzene	1111	1778	
	C ₈ H ₁₈	Octane	1111	1783	2-64
	C ₈ H ₁₈	Octane	1111	0051	
	C ₈ H ₁₈ O	Dibutyl ether	1111	0078	
	C ₈ H ₁₈ O	Dibutyl ether	1121	0941	
	C ₈ H ₁₈ O	Dibutyl ether	1131	1022	2-201
	C ₈ H ₂₄ O ₄ Si ₄	Octamethylcyclotetrasiloxane	1111	0348	
	C ₉ H ₁₂	Isopropylbenzene	1111	2416	
	C ₉ H ₂₀	Nonane	1111	0053	
	C ₁₀ H ₂₂	Decane	1111	0052	2-64
	C ₁₆ H ₃₄	Hexadecane	1111	0041	
	C ₂₄ H ₅₂ O ₄ Si	Tetrakis(2-ethylbutoxy)silane	1111	1690	
CF₄		Tetrafluoromethane			
	CH ₃ F	Fluoromethane	1111a	3316	2-60
CHBr₃		Tribromomethane			
	C ₂ H ₆ OS	Dimethyl sulfoxide	1111	0450	
	C ₃ H ₆ O	Propan-2-one	1111	1634	
CHClF₂		Chlorodifluoromethane			
	CH ₂ F ₂	Difluoromethane	1131	1337	2-97
	CO ₂	Carbon dioxide	1131	1933	
	C ₂ Cl ₂ F ₄	1,2-Dichlorotetrafluoroethane	1311	2043	2-98
	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1111	2060	
	C ₃ H ₆	Propene	1131	1141	
CHCl₃		Trichloromethane			
	CH ₂ Cl ₂	Dichloromethane	1131	1503	
	CH ₃ I	Iodomethane	1131	2919	2-107
	CH ₄ O	Methanol	1111	2008	
	CH ₄ O	Methanol	1111	1519	2-218
	CH ₄ O	Methanol	1111	0773	
	CH ₄ O	Methanol	1111	3004	
	CH ₄ O	Methanol	1231	1431	
	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane	1231	1244	
	C ₂ H ₃ N	Ethanenitrile	1131	0459	2-333
	C ₂ H ₄ Br ₂	1,2-Dibromoethane	1231	2104	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1231	1243	
	C ₂ H ₆ O	Ethanol	1111	0774	
	C ₂ H ₆ O	Ethanol	1111	0342	
	C ₂ H ₆ O	Ethanol	1231	0324	
	C ₂ H ₆ OS	Dimethyl sulfoxide	1111	0451	
	C ₂ H ₆ S	2-Thiapropene	1111	0632	

CHCl₃**CH₂BrCl**

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
CHCl₃		Trichloromethane (cont.)			
	C ₃ H ₆ O	Propan-2-one	1111	1520	2-228
	C ₃ H ₆ O	Propan-2-one	1111	0775	
	C ₃ H ₆ O	Propan-2-one	1131	0589	
	C ₃ H ₆ O	Propan-2-one	1131	0923	
	C ₃ H ₆ O	Propan-2-one	1131	0864	
	C ₃ H ₆ O	Propan-2-one	1231	0922	
	C ₃ H ₆ O ₂	1,3-Dioxolane	1131	1847	2-215
	C ₃ H ₆ O ₂	Ethyl methanoate	1131	0832	
	C ₃ H ₆ O ₂	Methyl ethanoate	1131	0833	2-231
	C ₃ H ₆ O ₂	Methyl ethanoate	1131	1335	
	C ₃ H ₈ O	Propan-1-ol	1131	1328	
	C ₃ H ₈ O	Propan-2-ol	1131	0993	2-224
	C ₄ H ₄ O	Furan	1111	0533	
	C ₄ H ₈ O	Butan-2-one	1111	2471	
	C ₄ H ₈ O	Butan-2-one	1131	0834	2-229
	C ₄ H ₈ O	Ethylloxirane <undefined optical isomer>	1131	0082	2-213
	C ₄ H ₈ O	Oxolane	1111	2853	
	C ₄ H ₈ O	Oxolane	1111	0531	2-214
	C ₄ H ₈ O ₂	1,4-Dioxane	1111	0534	2-216
	C ₄ H ₈ O ₂	1,4-Dioxane	1111	0343	
	C ₄ H ₈ O ₂	1,4-Dioxane	1131	1564	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	0835	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1231	1432	
	C ₄ H ₁₀ O	Butan-1-ol	1231	0325	2-220
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1111	2628	
	C ₄ H ₁₀ S	3-Thiapentane	1111	0633	
	C ₄ H ₁₁ N	Diethylamine	1231	2470	
	C ₅ H ₅ N	Pyridine	1111	0535	
	C ₅ H ₅ N	Pyridine	1111	3025	2-330
	C ₅ H ₉ NO	1-Methylpyrrolidin-2-one	1111	2959	
	C ₅ H ₁₀	Cyclopentane	1131	3158	
	C ₅ H ₁₀ O	Oxane	1131	0424	2-214
	C ₅ H ₁₀ O	Pentan-3-one	1131	2126	
	C ₅ H ₁₁ N	Piperidine	1131	0443	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1131	1272	2-211
	C ₆ H ₆	Benzene	1131	1336	
	C ₆ H ₆	Benzene	1231	0326	2-79
	C ₆ H ₁₂	Cyclohexane	1211	2658	
	C ₆ H ₁₄	Hexane	1111	2869	
	C ₆ H ₁₄	Hexane	1131	0921	
	C ₆ H ₁₄	Hexane	1231	0920	
	C ₆ H ₁₄ O	Dipropyl ether	1111	0661	2-210
	C ₆ H ₁₅ N	Diisopropylamine	1231	1235	
	C ₆ H ₁₅ N	Triethylamine	1111	2893	
	C ₇ H ₈	Toluene	1131	0848	
	C ₇ H ₁₆	Heptane	1111	2870	
	C ₇ H ₁₆	Heptane	1111	0776	2-72
	C ₁₂ H ₂₆ O	Dihexyl ether	1111	0618	
CHF₃		Trifluoromethane			
	C ₂ F ₆	Hexafluoroethane	1111	2117	2-60
	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1131	1154	2-62
	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1131	1319	
	C ₂ H ₃ F ₃	1,1,1-Trifluoroethane	1131	0307	2-62
	C ₂ H ₄ F ₂	1,1-Difluoroethane	1131	0306	
	C ₃ HF ₇	1,1,1,2,3,3,3-Heptafluoropropane	1131	1320	
	C ₃ H ₆	Propene	1131	1144	
	C ₄ H ₁₀	2-Methylpropane	1131	1221	
		(2H3)Methanol			
CH²H₃O	C ₆ H ₁₄	Hexane	1111	1472	
CHN		Hydrogen cyanide			
	CH ₄ O	Methanol	1111	1083	
	C ₄ H ₇ NO	2-Hydroxy-2-methylpropanenitrile	1111	2825	
CH₂BrCl		Bromochloromethane			
	C ₃ H ₈ O	Propan-1-ol	1131	1062	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	2710	

CH₂Br₂**CH₃Cl**

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
CH₂Br₂		Dibromomethane			
	C ₂ H ₆ OS	Dimethyl sulfoxide	1111	0452	
	C ₃ H ₈ O	Propan-1-ol	1131	1061	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	2709	
	C ₆ H ₆	Benzene	1111	2004	
	C ₇ H ₈	Toluene	1111	1974	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1111	2003	
		Dichloromethane			
	CH ₂ F ₂	Difluoromethane	1131	2149	2-87
	CH ₃ I	Iodomethane	1131	2920	2-107
CH₂Cl₂	CH ₃ NO ₂	Nitromethane	1111	0795	
	CH ₄ O	Methanol	1111	0072	2-217
	C ₂ H ₃ N	Ethanenitrile	1111	0073	2-332
	C ₂ H ₆ O	Ethanol	1111	1349	
	C ₂ H ₆ OS	Dimethyl sulfoxide	1111	0453	
	C ₃ H ₆ O	Propan-2-one	1111	0536	
	C ₃ H ₆ O	Propan-2-one	1111	0074	2-227
	C ₃ H ₆ O ₂	Methyl ethanoate	1111	0537	2-231
	C ₃ H ₆ O ₂	Methyl ethanoate	1131	0012	
	C ₄ H ₄ O	Furan	1111	0538	
	C ₄ H ₆	Buta-1,3-diene	1111	0909	
	C ₄ H ₈ O	Oxolane	1111	0539	2-213
	C ₄ H ₈ O ₂	1,4-Dioxane	1111	0540	2-216
	C ₄ H ₈ O ₂	Ethyl ethanoate	1111	0075	
	C ₄ H ₁₀ O	Diethyl ether	1121	0965	
	C ₄ H ₁₀ O ₂	2,5-Dioxahexane	1121	0968	
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1111	2629	
	C ₅ H ₄ O ₂	2-Furaldehyde	1231	2944	
	C ₅ H ₅ N	Pyridine	1111	0541	2-330
	C ₅ H ₁₂	Pentane	1111	0076	2-71
	C ₅ H ₁₂ O	Butyl methyl ether	1121	0967	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1131	1273	2-211
	C ₅ H ₁₂ O ₂	3,5-Dioxaheptane	1121	0969	
	C ₆ H ₅ Cl	Chlorobenzene	1111	0796	2-91
	C ₆ H ₆	Benzene	1111	0797	2-78
	C ₆ H ₁₄ O	Dipropyl ether	1121	0966	2-209
	C ₆ H ₁₅ N	Triethylamine	1111	2894	
	C ₇ H ₈	Toluene	1111	0798	2-81
CH₂F₂		Difluoromethane			
	CH ₃ Cl	Chloromethane	1131	1976	
	C ₂ F ₆	Hexafluoroethane	1111	2121	
	C ₂ HF ₅	Pentafluoroethane	1111	2118	
	C ₂ HF ₅	Pentafluoroethane	1111	2562	2-61
	C ₂ H ₃ F ₃	1,1,1-Trifluoroethane	1111	2119	
	C ₂ H ₃ F ₃	1,1,1-Trifluoroethane	1131	2325	
	C ₂ H ₃ F ₃	1,1,1-Trifluoroethane	1131	3137	2-61
	C ₂ H ₄ F ₂	1,1-Difluoroethane	1131	2326	
	C ₂ H ₆ O	Dimethyl ether	1131	2250	2-199
	C ₃ H ₆	Propene	1131	2263	2-57
	C ₃ H ₈	Propane	1111	2122	
	C ₃ H ₈	Propane	1131	2137	
	C ₃ H ₈	Propane	1131	1672	2-56
	C ₄ H ₁₀	Butane	1131	2245	
CH₂O₂	C ₄ H ₁₀	Butane	1131	2260	2-56
		Methanoic acid			
	C ₂ H ₄ O ₂	Ethanoic acid	1131	1998	
	C ₂ H ₄ O ₂	Ethanoic acid	1211	1526	
	C ₂ H ₄ O ₂	Ethanoic acid	1241	1529	
	C ₃ H ₆ O ₂	Propanoic acid	1131	1999	
	C ₃ H ₆ O ₂	Propanoic acid	1211	1527	
	C ₃ H ₆ O ₂	Propanoic acid	1241	1530	
	C ₇ H ₈ O	Phenylmethanol	1111	0465	
CH₃Cl		Chloromethane			
	CH ₃ F	Fluoromethane	1111	0219	2-87
	CH ₄ O	Methanol	1431	0688	2-217
	C ₂ H ₆ O	Dimethyl ether	1431	0687	2-209

CH₃Cl₃Si		a - Two-phase fluid-fluid		CH₄O	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
CH₃Cl₃Si		Trichloromethylsilane			
	C ₂ H ₆ Cl ₂ Si	Dichlorodimethylsilane	1211	2379	
	C ₃ H ₆ Cl ₂ Si	Dichloromethylvinylsilane	1211	2406	
CH₃I	C ₆ H ₆	Benzene	1211	2378	
		Iodomethane			
	C ₂ H ₄ O	Ethanal	1231	0634	
C²H₃I	C ₆ H ₁₄	Hexane	1111	1264	2-106
		(2H3)Iodomethane			
	C ₆ H ₁₄	Hexane	1111	1265	
CH₃NO₂		Nitromethane			
	CH ₄ O	Methanol	1111	0029	2-368
	C ₂ H ₃ N	Ethanenitrile	1111	0026	2-371
	C ₂ H ₃ N	Ethanenitrile	1131	0867	2-371
	C ₂ H ₆ O	Ethanol	1111	0030	2-368
	C ₃ H ₆ O	Propan-2-one	1111	0027	2-369
	C ₃ H ₆ O	Propan-2-one	1131	1126	2-369
	C ₄ H ₄ S	Thiophene	1121	1659	
	C ₄ H ₆	Buta-1,3-diene	1111	0910	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1111	0028	
	C ₄ H ₉ Cl	1-Chlorobutane	1111	0065	2-360
	C ₆ H ₅ Cl	Chlorobenzene	1111	0020	2-360
	C ₆ H ₆	Benzene	1131	1130	2-356
	C ₆ H ₁₂	Cyclohexane	1111a	0350	2-356
		Methane			
	C ₂ H ₄	Ethene	1131	0962	2-19
	C ₂ H ₆	Ethane	1111	1186	
	C ₂ H ₆	Ethane	1131	0963	2-6
CH₄Cl₂Si		Dichloromethylsilane			
	C ₃ H ₆ Cl ₂ Si	Dichloromethylvinylsilane	1211	2408	
	C ₇ H ₈	Toluene	1211	2405	2-376
CH₄O		Methanol			
	CH ₄ S	Methanethiol	1111	1305	
	CS ₂	Carbon disulfide	1231a	1894	
	C ₂ Cl ₃ F ₃	1,1,2-Trichlorotrifluoroethane	1131	0670	
	C ₂ Cl ₄	Tetrachloroethene	1211	2688	
	C ₂ Cl ₄	Tetrachloroethene	1231	3161	2-204
	C ₂ HBrClF ₃	Bromochloro-1,1,1-trifluoroethane	1131	1558	
	C ₂ HBrClF ₃	Bromochloro-1,1,1-trifluoroethane	1131	1753	2-237
	C ₂ HBrClF ₃	Bromochloro-1,1,1-trifluoroethane	1231	1562	2-237
	C ₂ HCl ₃	Trichloroethene	1211	3191	
	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane	1231	2942	
	C ₂ H ₃ Cl ₃	1,1,1-Trichloroethane	1231	2943	
	C ₂ H ₃ N	Ethanenitrile	1231	1861	2-342
	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	1231	0558	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1131	0400	2-218
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1231	2941	
	C ₂ H ₄ O ₂	Ethanoic acid	1111	0952	2-291
	C ₂ H ₄ O ₂	Methyl methanoate	1131	1511	2-277
	C ₂ H ₅ NO	N-Methylmethanamide	1111	2205	2-367
	C ₂ H ₅ NO	N-Methylmethanamide	1111	0460	
	C ₂ H ₆	Ethane	1131a	1899	
	C ₂ H ₆ O	Dimethyl ether	1411	2009	
	C ₂ H ₆ O	Ethanol	1111	1300	
	C ₂ H ₆ O	Ethanol	1111	0035	2-249
	C ₂ H ₆ O	Ethanol	1131	3128	2-249
	C ₂ H ₆ O	Ethanol	1222	3278	2-250
	C ₂ H ₆ O	Ethanol	1232	3226	
	C ₂ H ₈ N ₂	Ethane-1,2-diamine	1211	1879	
	C ₃ H ₄ O ₃	1,3-Dioxolan-2-one	1231	2254	
	C ₃ H ₆	Propene	1131	0683	
	C ₃ H ₆ O	Propan-2-one	1111	0777	
	C ₃ H ₆ O	Propan-2-one	1111	2448	2-269
	C ₃ H ₆ O	Propan-2-one	1111	1521	
	C ₃ H ₆ O	Propan-2-one	1131	1914	
	C ₃ H ₆ O ₂	1,3-Dioxolane	1231	1184	
	C ₃ H ₆ O ₂	Ethyl methanoate	1131	0652	2-277
	C ₃ H ₆ O ₂	Methyl ethanoate	1131	0587	2-278

CH₄O**CH₄O**

Formula				
Comp. 1	Comp. 2	Name	EVLM	LB Page
CH ₄ O		Methanol (cont.)		
	C ₃ H ₆ O ₂	Methyl ethanoate	1231	1333
	C ₃ H ₆ O ₂	Propanoic acid	1111	1693
	C ₃ H ₆ O ₃	Dimethyl carbonate	1131	2808 2-288
	C ₃ H ₆ O ₃	Dimethyl carbonate	1231	2733
	C ₃ H ₆ O ₃	1,3,5-Trioxane	1111	1423
	C ₃ H ₇ Br	1-Bromopropane	1131	1352 2-233
	C ₃ H ₇ NO	N,N-Dimethylmethanamide	1111	2159 2-362
	C ₃ H ₇ NO	N,N-Dimethylmethanamide	1111	2478
	C ₃ H ₇ NO	N-Methylethanamide	1111	2151
	C ₃ H ₈ O	Propan-1-ol	1111	1674
	C ₃ H ₈ O	Propan-1-ol	1131	0612 2-250
	C ₃ H ₈ O	Propan-1-ol	1231	1986 2-251
	C ₃ H ₈ O	Propan-2-ol	1111	1839
	C ₃ H ₈ O	Propan-2-ol	1231	1985
	C ₄ H ₄ S	Thiophene	1121	1660
	C ₄ H ₄ S	Thiophene	1131	1445 2-301
	C ₄ H ₄ S	Thiophene	1231	1446
	C ₄ H ₅ N	2-Methylpropenenitrile	1111	1090
	C ₄ H ₆ O	But-3-en-2-one	1231	2116
	C ₄ H ₈	But-1-ene	1111	2130
	C ₄ H ₈	cis-But-2-ene	1111	2144
	C ₄ H ₈	trans-But-2-ene	1111	2234
	C ₄ H ₈	2-Methylpropene	1111	2592
	C ₄ H ₈ O	Butan-2-one	1131	0656
	C ₄ H ₈ O	Ethyloxirane <undefined optical isomer>	1131	1554
	C ₄ H ₈ O	Oxolane	1111	1173
	C ₄ H ₈ O ₂	Butanoic acid	1111	1694 2-291
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	0455 2-279
	C ₄ H ₈ O ₂	Ethyl ethanoate	1231	1430
	C ₄ H ₈ O ₂	Methyl propanoate	1131	1508
	C ₄ H ₈ O ₂ S	Thiolane 1,1-dioxide	1111	0439
	C ₄ H ₈ O ₃	Methyl (S)-(-)-2-hydroxypropanoate	1231	0396
	C ₄ H ₉ Br	1-Bromobutane	1131	1353
	C ₄ H ₉ NO	N,N-Dimethylethanamide	1111	1066
	C ₄ H ₁₀	Butane	1111	0198 2-147
	C ₄ H ₁₀	2-Methylpropane	1111	2367
	C ₄ H ₁₀ O	Butan-1-ol	1111	1675
	C ₄ H ₁₀ O	Butan-1-ol	1131	1643 2-251
	C ₄ H ₁₀ O	Butan-2-ol	1111	1924
	C ₄ H ₁₀ O	Butan-2-ol	1131	1645
	C ₄ H ₁₀ O	Diethyl ether	1111	0814 2-239
	C ₄ H ₁₀ O	Diethyl ether	1131	1560
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1111	1807
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1131	1644 2-253
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	1817
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1131	1646
	C ₄ H ₁₀ O ₂	2,5-Dioxahexane	1231	0522
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1111	0358
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1131	1717
	C ₄ H ₁₁ N	Diethylamine	1111	0792 2-336
	C ₄ H ₁₁ N	Diethylamine	1231	2826
	C ₄ H ₁₁ NO ₂	Bis(2-hydroxyethyl)amine	1111	0721
	C ₄ H ₁₂ O ₄ Si	Tetramethoxysilane	1211	1885 2-380
	C ₅ H ₃ F ₉ O	1,1,2,3,3,3-Hexafluoropropyl 2,2,2-trifluoroethyl ether	1231	2067 2-295
	C ₅ H ₅ N	Pyridine	1111	3051
	C ₅ H ₈ O ₂	Methyl 2-methylpropenoate	1131	3107
	C ₅ H ₈ O ₂	Vinyl propanoate	1231	2255
	C ₅ H ₉ NO	1-Methylpyrrolidin-2-one	1111	2560
	C ₅ H ₁₀	2-Methylbut-2-ene	1231	3138
	C ₅ H ₁₀ O ₂	Ethyl propanoate	1231	0304
	C ₅ H ₁₀ O ₂	Isopropyl ethanoate	1231	2638
	C ₅ H ₁₀ O ₂	Propyl ethanoate	1231	2637
	C ₅ H ₁₀ O ₃	Diethyl carbonate	1231	1827
	C ₅ H ₁₀ O ₃	Diethyl carbonate	1231	2271 2-289
	C ₅ H ₁₁ N	Piperidine	1111	0454 2-338
	C ₅ H ₁₂	2-Methylbutane	1231	3139

CH₄O

a - Two-phase fluid-fluid

CH₄O

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
CH ₄ O		Methanol (cont.)			
	C ₅ H ₁₂	Pentane	1111	1922	
	C ₅ H ₁₂	Pentane	1131	1870	
	C ₅ H ₁₂ O	Butyl methyl ether	1111	0129	
	C ₅ H ₁₂ O	Butyl methyl ether	1121	0133	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1111	0128	2-241
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1111	1393	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1111	0197	2-241
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1121	0135	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1121	3263	
	C ₅ H ₁₂ O	Ethyl propyl ether	1111	0130	
	C ₅ H ₁₂ O	Ethyl propyl ether	1121	0134	
	C ₅ H ₁₂ O	2-Methylbutan-1-ol	1111	0760	
	C ₅ H ₁₂ O	2-Methylbutan-1-ol	1231	2780	
	C ₅ H ₁₂ O	3-Methylbutan-1-ol	1111	0756	
	C ₅ H ₁₂ O	2-Methylbutan-2-ol	1111	0761	
	C ₅ H ₁₂ O	2-Methylbutan-2-ol	1231	0779	
	C ₅ H ₁₂ O	3-Methylbutan-2-ol	1111	0762	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	0757	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	1676	
	C ₅ H ₁₂ O	Pentan-1-ol	1231	1602	
	C ₅ H ₁₂ O	Pentan-2-ol	1111	0758	
	C ₅ H ₁₂ O	Pentan-3-ol	1111	0759	
	C ₅ H ₁₂ O ₂	2,2-Dimethoxypropane	1111	0220	
	C ₅ H ₁₂ O ₂	2,2-Dimethoxypropane	1211	0222	
	C ₅ H ₁₄ N ₂	N,N,N',N'-Tetramethylmethanediamine	1231	3006	
	C ₆ H ₅ Cl	Chlorobenzene	1131	1042	
	C ₆ H ₅ Cl	Chlorobenzene	1111	0820	2-221
	C ₆ H ₅ NO ₂	Nitrobenzene	1111	1075	2-370
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	3093	
	C ₆ H ₆	Benzene	1111	1370	
	C ₆ H ₆	Benzene	1111	0426	2-156
	C ₆ H ₆	Benzene	1121	3267	
	C ₆ H ₆	Benzene	1231	1334	
	C ₆ H ₆ O	Phenol	1231	2434	2-261
	C ₆ H ₇ N	Aniline	1111	0827	2-340
	C ₆ H ₇ N	2-Methylpyridine	1111	3052	
	C ₆ H ₇ N	3-Methylpyridine	1111	3039	
	C ₆ H ₇ N	4-Methylpyridine	1111	3050	
	C ₆ H ₁₀	Cyclohexene	1231	1566	
	C ₆ H ₁₀	Hex-1-yne	1311	2531	2-155
	C ₆ H ₁₀	Hex-2-yne	1311	2529	
	C ₆ H ₁₀	Hex-3-yne	1311	2505	
	C ₆ H ₁₂	Cyclohexane	1111a	1371	
	C ₆ H ₁₂	Cyclohexane	1111a	2449	2-153
	C ₆ H ₁₂	Cyclohexane	1111a	2476	
	C ₆ H ₁₂	2,3-Dimethylbut-2-ene	1231	2622	2-154
	C ₆ H ₁₂	Hex-1-ene	1121	1662	
	C ₆ H ₁₂ O ₂	Butyl ethanoate	1231	0244	
	C ₆ H ₁₂ O ₂	2-Methylpropyl ethanoate	1231	0245	
	C ₆ H ₁₄	2,3-Dimethylbutane	1231	1955	
	C ₆ H ₁₄	Hexane	1111a	1524	2-147
	C ₆ H ₁₄	Hexane	1111a	1372	
	C ₆ H ₁₄	Hexane	1111	1498	
	C ₆ H ₁₄	Hexane	1111	0975	
	C ₆ H ₁₄	Hexane	1111	0964	
	C ₆ H ₁₄	Hexane	1111	1481	2-148
	C ₆ H ₁₄ O	Butyl ethyl ether	1111	0132	2-239
	C ₆ H ₁₄ O	Butyl ethyl ether	1121	0137	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1121	3272	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1211	2307	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1221	2309	2-243
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1231	2311	2-243
	C ₆ H ₁₄ O	Diisopropyl ether	1111	0131	
	C ₆ H ₁₄ O	Diisopropyl ether	1121	0136	
	C ₆ H ₁₄ O	Dipropyl ether	1111	0462	2-240
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1111	1400	2-242

CH₄O

a - Two-phase fluid-fluid

C₂Cl₂F₄

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
CH₄O		Methanol (cont.)			
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1111	0199	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1121	3259	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1231	1533	2-242
	C ₆ H ₁₄ O ₃	2,5,8-Trioxanonane	1111	0545	2-245
	C ₆ H ₁₅ N	Dipropylamine	1211	1880	
	C ₆ H ₁₅ N	Triethylamine	1111	1624	
	C ₆ H ₁₅ N	Triethylamine	1111	0606	2-334
	C ₇ H ₈	Toluene	1111	0427	
	C ₇ H ₈	Toluene	1121	3266	
	C ₇ H ₈ O	2-Methylphenol	1211	2921	
	C ₇ H ₈ O	4-Methylphenol	1211	2930	2-261
	C ₇ H ₉ N	2,6-Dimethylpyridine	1111	3040	
	C ₇ H ₁₄	Methylcyclohexane	1121	3271	
	C ₇ H ₁₄ O	Heptan-2-one	1111	2772	
	C ₇ H ₁₄ O	Heptan-3-one	1111	3141	
	C ₇ H ₁₄ O	Heptan-4-one	1111	3142	
	C ₇ H ₁₄ O ₂	3-Methylbutyl ethanoate	1231	0855	
	C ₇ H ₁₄ O ₂	Pentyl ethanoate	1231	0853	
	C ₇ H ₁₅ N ₂ O ₄ P	1-Methyl-3-methylimidazolium dimethylphosphate	1111	2389	
	C ₇ H ₁₆	Heptane	1111a	1453	
	C ₇ H ₁₆	Heptane	1121	3270	
	C ₇ H ₁₆ O	Ethyl 1,1-dimethylpropyl ether	1231	2356	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	0428	
	C ₈ H ₁₀	Ethylbenzene	1211	3194	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1131	2633	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1231	2635	
	C ₈ H ₁₆ O ₂	Hexyl ethanoate	1231	0063	
	C ₈ H ₁₈ O	Octan-1-ol	1231	2022	
	C ₈ H ₂₀ O ₄ Si	Tetraethoxysilane	1211	1888	
	C ₉ H ₂₀ O	2-Methoxy-2,4,4-trimethylpentane	1131	2634	
	C ₁₀ H ₁₅ F ₆ N ₃ O ₄ S ₂	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111	2276	
	C ₁₀ H ₂₂ O	Decan-1-ol	1111	0577	
	C ₁₂ H ₂₆ O	Dodecan-1-ol	1111	1574	
C²H₄O		(2H4)Methanol			
CH₄S	C ₆ H ₁₄	Hexane	1111	1471	
		Methanethiol			
CH₅N	C ₂ H ₆ S ₂	2,3-Dithiabutane	1111	1464	
		Methylamine			
	C ₂ H ₆ O	Dimethyl ether	1111	1469	
	C ₄ H ₁₀	Butane	1111	1484	2-314
	C ₆ H ₁₄	Hexane	1111	1489	2-314
	C ₉ H ₂₀	Nonane	1111	1485	
CO₂		Carbon dioxide			
	C ₂ F ₆	Hexafluoroethane	1111	2123	
	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1131	0296	
	C ₂ H ₆	Ethane	1131	3244	
	C ₂ H ₆	Ethane	1131	1599	
	C ₂ H ₆	Ethane	1131	2010	2-108
	C ₄ H ₁₀	Butane	1131	1600	
	C ₆ H ₆	Benzene	1111	2973	2-108
	C ₆ H ₁₂	Cyclohexane	1111	2974	
CS₂	C ₆ H ₁₄	Hexane	1111	2975	
		Carbon disulfide			
	C ₂ Cl ₄	Tetrachloroethene	1131	2937	
	C ₃ H ₆ O	Propan-2-one	1231	1895	
	C ₄ H ₆	Buta-1,3-diene	1111	0911	
	C ₄ H ₈ O ₂	1,4-Dioxane	1111	0449	
	C ₅ H ₁₀	Cyclopentane	1131	3067	2-297
	C ₆ H ₁₂	Cyclohexane	1131	3068	2-297
		Chloropentafluoroethane			
C₂ClF₅	C ₃ H ₆	Propene	1131	1146	
C₂Cl₂F₄		1,2-Dichlorotetrafluoroethane			
	C ₂ Cl ₃ F ₃	1,1,2-Trichlorotrifluoroethane	1231	0559	2-96
	C ₂ Cl ₄ F ₂	Tetrachloro-1,2-difluoroethane	1231	0561	
	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1131	1156	
	C ₃ H ₆	Propene	1131	1149	2-93

C₂Cl₃F₃		C₂HCIF₄			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₂Cl₃F₃		1,1,2-Trichlorotrifluoroethane			
	C ₂ Cl ₄ F ₂	Tetrachloro-1,2-difluoroethane	1231	0560	
	C ₂ H ₄ F ₂	1,1-Difluoroethane	1111	1023	2-95
	C ₃ H ₆ O	Propan-2-one	1131	0662	
	C ₃ H ₆ O ₂	Methyl ethanoate	1131	0663	
	C ₄ H ₈ O	Oxolane	1131	0664	
	C ₆ H ₁₄	Hexane	1131	0665	2-93
	C ₆ H ₁₄ O	Diisopropyl ether	1131	0666	
		Tetrachloroethene			
	C ₂ HCl ₃	Trichloroethene	1231	3162	
C₂Cl₄	C ₂ H ₂ Cl ₂	trans-1,2-Dichloroethene	1111	1179	
	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane	1111	1176	
	C ₂ H ₃ N	Ethanenitrile	1211	2728	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1111	1177	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1231	3163	
	C ₃ H ₆ O	Propan-2-one	1111	2938	
	C ₃ H ₆ O ₃	Dimethyl carbonate	1211	3000	
	C ₃ H ₈ O	Propan-1-ol	1231	3164	
	C ₃ H ₈ O	Propan-1-ol	1231	2981	
	C ₃ H ₈ O	Propan-1-ol	1231	1095	2-205
	C ₃ H ₈ O	Propan-2-ol	1231	1094	
	C ₄ H ₈ O	Butan-2-one	1211	3202	
	C ₄ H ₈ O	Oxolane	1111	2411	
	C ₄ H ₈ O	Oxolane	1211	2578	
	C ₄ H ₁₀ O	Butan-1-ol	1231	2982	
	C ₄ H ₁₀ O	Butan-1-ol	1231	2466	
	C ₄ H ₁₀ O	Butan-2-ol	1231	2465	2-206
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1231	2984	
	C ₅ H ₄ O ₂	2-Furaldehyde	1231	2947	
	C ₅ H ₅ N	Pyridine	1131	3310	2-329
	C ₅ H ₅ N	Pyridine	1131	3308	
	C ₅ H ₉ NO	1-Methylpyrrolidin-2-one	1211	2338	
	C ₅ H ₁₀	Cyclopentane	1131	0725	2-67
	C ₅ H ₁₂ O	3-Methylbutan-1-ol	1231	2985	
	C ₅ H ₁₂ O	Pentan-1-ol	1231	2983	
	C ₆ H ₅ Cl	Chlorobenzene	1211	2609	
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	2617	
	C ₆ H ₆	Benzene	1111	2294	2-68
	C ₆ H ₁₂	Cyclohexane	1111	2436	2-67
	C ₆ H ₁₂	2,3-Dimethylbut-2-ene	1131	3253	
	C ₆ H ₁₂	Hex-1-ene	1131	0328	
	C ₆ H ₁₄	Hexane	1131	0329	
	C ₇ H ₈ O	2-Methylphenol	1211	2181	
	C ₇ H ₁₆	Heptane	1211	2608	
	C ₈ H ₁₆	Oct-1-ene	1211	1708	2-68
	C ₈ H ₁₆	cis-Oct-4-ene	1211	1709	
	C ₈ H ₁₆	trans-Oct-4-ene	1211	1710	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	2461	
C₂F₆		Hexafluoroethane			
	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1131	1148	
	C ₂ H ₆	Ethane	1131	2110	
	C ₂ H ₆	Ethane	1131	2156	2-49
C₂HBrClF₃	C ₃ H ₆	Propene	1131	1151	
		Bromochloro-1,1,1-trifluoroethane			
	C ₃ H ₆ O	Propan-2-one	1131	1748	
	C ₃ H ₆ O ₂	Methyl ethanoate	1131	1750	
	C ₄ H ₈ O	Oxolane	1131	1749	2-236
	C ₄ H ₁₀ O	Diethyl ether	1231	1559	
	C ₄ H ₁₀ O	Diethyl ether	1131	1561	2-236
	C ₅ H ₁₀ O	Oxane	1131	0425	
	C ₅ H ₁₁ N	Piperidine	1131	0442	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1131	1751	
C₂HCIF₄	C ₆ H ₁₄	Hexane	1131	1752	
		1-Chloro-1,2,2,2-tetrafluoroethane			
	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1131	2013	
	C ₂ H ₃ ClF ₂	1-Chloro-1,1-difluoroethane	1131	2012	

C₂HCl₃**C₂H₂Cl₄**

Formula		Name	EVLM	LB	Page
Comp. 1	Comp. 2				
C₂HCl₃		Trichloroethene			
	C ₂ H ₃ N	Ethanenitrile	1211	2729	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1231	3165	
	C ₂ H ₆ O	Ethanol	1211	2689	
	C ₃ H ₆ O	Propan-2-one	1111	2939	
	C ₃ H ₆ O ₃	Dimethyl carbonate	1211	2999	
	C ₃ H ₈ O	Propan-1-ol	1231	3166	2-219
	C ₃ H ₈ O	Propan-1-ol	1231	2464	
	C ₃ H ₈ O	Propan-2-ol	1231	2463	
	C ₃ H ₈ O	Propan-2-ol	1211	2690	
	C ₃ H ₈ O ₂	2-Methoxyethanol	1131	1020	
	C ₃ H ₉ BO ₃	Trimethoxyborane	1231	1889	
	C ₄ H ₈ O	Oxolane	1211	2586	
	C ₄ H ₁₀ O	Butan-1-ol	1231	1491	
	C ₄ H ₁₀ O	Butan-2-ol	1231	1492	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1211	2691	
	C ₅ H ₄ O ₂	2-Furaldehyde	1231	2945	
	C ₅ H ₉ NO	1-Methylpyrrolidin-2-one	1211	2337	
	C ₆ H ₅ Cl	Chlorobenzene	1211	2610	
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	2616	
	C ₆ H ₁₂	Cyclohexane	1211	2659	
	C ₆ H ₁₂	Hex-1-ene	1131	0330	
	C ₆ H ₁₄	Hexane	1131	0331	
	C ₇ H ₈ O	2-Methylphenol	1211	2177	
	C ₇ H ₈ O	Methyl phenyl ether	1131	1946	
	C ₇ H ₁₆	Heptane	1211	2607	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	2460	2-82
C₂HF₅		Pentafluoroethane			
	C ₂ H ₆ O	Dimethyl ether	1131	1668	
	C ₃ H ₈	Propane	1131	0383	
	C ₃ H ₈	Propane	1131	2581	
	C ₃ H ₈	Propane	1131	2138	
	C ₃ H ₈	Propane	1131	1667	
	C ₄ H ₁₀	Butane	1131	1058	
	C ₄ H ₁₀	Butane	1131	2261	
C₂H²H₅O	C ₄ H ₁₀	2-Methylpropane	1131	1224	
		(2H5)Ethanol			
C₂H₂ClF₃	C ₆ H ₁₄	Hexane	1111	2487	
C₂H₂ClF₃		Chloro-1,1,1-trifluoroethane			
	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1411	2949	
C₂H₂Cl₂	C ₂ H ₂ F ₄	1,1,1,2-Tetrafluoroethane	1421	3285	2-97
		cis-1,2-Dichloroethene			
C₂H₂Cl₂	C ₂ H ₂ Cl ₂	trans-1,2-Dichloroethene	1231	3167	
	C ₂ H ₃ Cl ₃	1,1,1-Trichloroethane	1231	3168	
C₂H₂Cl₂		trans-1,2-Dichloroethene			
	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane	1111	1180	
	C ₂ H ₃ Cl ₃	1,1,1-Trichloroethane	1231	3169	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1111	1181	
	C ₅ H ₃ F ₉ O	1,1,2,3,3,3-Hexafluoropropyl 2,2,2-trifluoroethyl ether	1231	2070	
C₂H₂Cl₄	C ₅ H ₁₂ O	tert-Butyl methyl ether	1131	1275	
		1,1,2,2-Tetrachloroethane			
	C ₂ H ₃ N	Ethanenitrile	1211	2731	
	C ₂ H ₄ Br ₂	1,2-Dibromoethane	1231	2105	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1231	1246	
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1111	1178	
	C ₃ H ₄ O	Prop-2-yn-1-ol	1211	0745	
	C ₃ H ₆ O ₂	1,3-Dioxolane	1231	0675	2-215
	C ₃ H ₆ O ₂	Ethyl methanoate	1111	0092	
	C ₃ H ₆ O ₂	Ethyl methanoate	1121	0099	
	C ₃ H ₆ O ₃	Dimethyl carbonate	1211	2998	
	C ₃ H ₈ O	Propan-2-ol	1211	3192	
	C ₄ H ₈ O	Butan-2-one	1211	3205	
	C ₄ H ₈ O	Oxolane	1211	2583	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1111	0091	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1121	0100	
	C ₄ H ₈ O ₂	Propyl methanoate	1111	0093	2-232
	C ₄ H ₈ O ₂	Propyl methanoate	1121	0101	

C₂H₂Cl₄		C₂H₃Cl₃			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₂H₂Cl₄		1,1,2,2-Tetrachloroethane (cont.)			
	C ₅ H ₉ NO	1-Methylpyrrolidin-2-one	1211	2340	2-230
	C ₅ H ₁₀ O	Pentan-3-one	1131	2128	
	C ₅ H ₁₀ O ₂	Ethyl propanoate	1111	0094	
	C ₅ H ₁₀ O ₂	Ethyl propanoate	1121	0102	2-79
	C ₅ H ₁₀ O ₂	Propyl ethanoate	1111	0095	
	C ₅ H ₁₀ O ₂	Propyl ethanoate	1121	0103	
	C ₅ H ₁₂ O	2-Methylbutan-1-ol	1211	2591	2-76
	C ₆ H ₅ Cl	Chlorobenzene	1211	2606	
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	2615	
	C ₆ H ₆	Benzene	1111	2293	2-72
	C ₆ H ₆	Benzene	1231	0639	
	C ₆ H ₁₂	Cyclohexane	1111	2435	
	C ₆ H ₁₂	Cyclohexane	1211	2682	2-232
	C ₆ H ₁₂	Hex-1-ene	1131	0332	
	C ₆ H ₁₂ O ₂	Ethyl butanoate	1111	0096	
	C ₆ H ₁₂ O ₂	Ethyl butanoate	1121	0104	2-72
	C ₆ H ₁₂ O ₂	Propyl propanoate	1111	0097	
	C ₆ H ₁₂ O ₂	Propyl propanoate	1121	0105	
	C ₆ H ₁₄	Hexane	1111	1896	2-232
	C ₆ H ₁₄	Hexane	1131	0333	
	C ₇ H ₈	Toluene	1231	0642	
	C ₇ H ₈ O	2-Methylphenol	1211	2180	2-232
	C ₇ H ₁₄ O ₂	Propyl butanoate	1111	0098	
	C ₇ H ₁₄ O ₂	Propyl butanoate	1121	0106	
	C ₇ H ₁₆	Heptane	1231	1245	2-232
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	2459	
C₂H₂F₄		1,1,1,2-Tetrafluoroethane			
	C ₂ H ₃ ClF ₂	1-Chloro-1,1-difluoroethane	1131	1138	2-199
	C ₂ H ₃ Cl ₂ F	1,1-Dichloro-1-fluoroethane	1131	1943	
	C ₂ H ₃ F ₃	1,1,1-Trifluoroethane	1131	2884	
	C ₂ H ₄ F ₂	1,1-Difluoroethane	1131	1139	2-57
	C ₂ H ₆ O	Dimethyl ether	1131	1157	
	C ₂ H ₆ O	Dimethyl ether	1131	2080	
	C ₃ H ₂ F ₆	1,1,1,3,3,3-Hexafluoropropane	1131	2305	2-57
	C ₃ H ₆	Propene	1131	0886	
	C ₃ H ₆	Propene	1131	1145	
	C ₃ H ₈	Propane	1131	1152	2-82
	C ₄ H ₁₀	Butane	1131	2262	
	C ₄ H ₁₀	2-Methylpropane	1131	2304	
C₂H₃Cl		Chloroethene			
	C ₂ H ₄ F ₂	1,1-Difluoroethane	1131	2150	2-82
	C ₃ H ₆ O	Propan-2-one	1111	1345	
	C ₆ H ₁₄	Hexane	1111	1346	
C₂H₃ClF₂		1-Chloro-1,1-difluoroethane			
	C ₂ H ₃ Cl ₂ F	1,1-Dichloro-1-fluoroethane	1131	0079	2-82
	C ₂ H ₃ Cl ₃	1,1,1-Trichloroethane	1131	0080	
	C ₂ H ₆ O	Dimethyl ether	1131	1159	
	C ₃ H ₆	Propene	1131	1143	2-82
C₂H₃Cl₂F		1,1-Dichloro-1-fluoroethane			
	C ₂ H ₃ Cl ₃	1,1,1-Trichloroethane	1131	0081	
C₂H₃Cl₃		1,1,1-Trichloroethane			
	C ₂ H ₃ N	Ethanenitrile	1211	2732	2-82
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1231	3170	
	C ₃ H ₄ O	Prop-2-yn-1-ol	1211	0744	
	C ₃ H ₆ O ₃	Dimethyl carbonate	1211	2997	2-82
	C ₃ H ₈ O	Propan-2-ol	1211	3193	
	C ₄ H ₈ O	Butan-2-one	1211	3204	
	C ₄ H ₈ O	Butan-2-one	1311	1542	2-82
	C ₄ H ₈ O	Oxolane	1211	2584	
	C ₄ H ₈ O ₂ S	Thiolane 1,1-dioxide	1131	1983	
	C ₄ H ₁₀ O	Diethyl ether	1121	1925	2-82
	C ₄ H ₁₀ O ₂	2,5-Dioxahexane	1121	1928	
	C ₅ H ₈ O	Cyclopentanone	1111	2948	
	C ₅ H ₉ NO	1-Methylpyrrolidin-2-one	1211	2339	2-82
	C ₅ H ₁₀ O	Pentan-3-one	1131	2127	
	C ₅ H ₁₂ O	Butyl methyl ether	1121	1927	



a - Two-phase fluid-fluid



Formula		Name	EVLM	LB	Page
Comp. 1	Comp. 2				
$C_2H_3Cl_3$		1,1,1-Trichloroethane (cont.)			
	$C_5H_{12}O$	2-Methylbutan-1-ol	1211	2590	
	$C_5H_{12}O_2$	3,5-Dioxaheptane	1121	1929	
	C_6H_5Cl	Chlorobenzene	1211	2611	
	$C_6H_5NO_2$	Nitrobenzene	1211	2614	
	C_6H_6	Benzene	1231	0640	
	C_6H_{12}	Cyclohexane	1211	2681	
	C_6H_{12}	Hex-1-ene	1131	0334	
	C_6H_{14}	Hexane	1131	0335	
	$C_6H_{14}O$	Dipropyl ether	1121	1926	
	C_7H_{16}	Heptane	1211	2605	
	C_8H_{18}	2,2,4-Trimethylpentane	1131	2458	
	$C_8H_{18}O$	Dibutyl ether	1131	1863	2-210
		1,1,2-Trichloroethane			
	C_4H_8O	Butan-2-one	1311	1636	2-230
	C_6H_{12}	Hex-1-ene	1131	0336	
	C_6H_{14}	Hexane	1131	0337	
$C_2H_3F_3$		1,1,1-Trifluoroethane			
	$C_2H_4F_2$	1,1-Difluoroethane	1131	2885	
	$C_3H_2F_6$	1,1,1,3,3,3-Hexafluoropropane	1131	2084	
$C_2H_3F_3O$	C_4H_{10}	2-Methylpropane	1131	1222	
		2,2,2-Trifluoroethanol			
	C_3H_8O	Propan-1-ol	1231	1787	
C_2H_3N	C_9H_7N	Quinoline	1231	2331	
		Ethanenitrile			
C_2H_3N	$C_2H_4Cl_2$	1,2-Dichloroethane	1131	2766	2-333
	$C_2H_4Cl_2$	1,2-Dichloroethane	1211	2730	
	C_2H_5NO	N-Methylmethanamide	1111	2335	
	C_2H_6O	Ethanol	1111	1385	2-342
	C_2H_6O	Ethanol	1111	0592	
	C_3H_6O	Propan-2-one	1131	1125	2-344
	C_3H_6O	Propan-2-one	1111	0594	
	C_3H_6O	Prop-2-en-1-ol	1131	0377	
	$C_3H_6O_2$	1,3-Dioxolane	1131	0553	
	$C_3H_6O_2$	Ethyl methanoate	1131	0849	2-345
	$C_3H_6O_2$	Methyl ethanoate	1111	0595	
	C_3H_7Br	1-Bromopropane	1231	1862	
	C_3H_8O	Propan-1-ol	1131	0850	2-343
	C_3H_8O	Propan-1-ol	1131	1329	
	C_3H_8O	Propan-1-ol	1231	2477	
	C_4H_8	2-Methylpropene	1131	1160	2-324
	C_4H_8O	Butan-2-one	1131	0839	
	C_4H_8O	Butan-2-one	1131	2767	2-344
	$C_4H_8O_2$	1,4-Dioxane	1131	0554	
	$C_4H_8O_2$	Ethyl ethanoate	1111	1386	2-345
	C_4H_9Cl	1-Chlorobutane	1111	0066	2-332
	C_4H_{10}	2-Methylpropane	1131	1161	
	$C_4H_{10}O$	Butan-1-ol	1131	1326	
	$C_4H_{10}O$	Diethyl ether	1111	0815	2-341
	$C_4H_{11}N$	Diethylamine	1111	0793	
	C_5H_{12}	Pentane	1111	0401	2-321
	C_5H_{12}	Pentane	1141	0403	
	$C_5H_{12}O$	tert-Butyl methyl ether	1131	1274	2-341
	C_6H_5Cl	Chlorobenzene	1111	0821	
	C_6H_5Cl	Chlorobenzene	1131	1043	
	C_6H_6	Benzene	1111	0817	2-326
	C_6H_6	Benzene	1111	1763	
	C_6H_6	Benzene	1131	0840	
	C_6H_6	Benzene	1131	1123	
	C_6H_6	Benzene	1231	1276	
	C_6H_7N	Aniline	1111	0828	
	C_6H_8	Cyclohexa-1,4-diene	1111	1766	2-325
	C_6H_{10}	Cyclohexene	1111a	1764	
	C_6H_{10}	Hex-1-yne	1131	3020	
	C_6H_{12}	Cyclohexane	1111a	1765	2-323
	C_7H_8	Toluene	1111	0420	
	C_7H_8	Toluene	1111	1387	2-326

C₂H₃N		a - Two-phase fluid-fluid		C₂H₄Cl₂	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₂H₃N		Ethanenitrile (cont.)			
	C ₇ H ₈	Toluene	1111	1028	
	C ₇ H ₈	Toluene	1231	1277	
	C ₇ H ₁₂	Hept-1-yne	1131	3021	
	C ₇ H ₁₆	Heptane	1111a	1032	2-321
	C ₈ H ₁₀	1,3-Dimethylbenzene	1231	1280	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	1279	2-327
	C ₈ H ₁₀	Ethylbenzene	1231	1278	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1111a	1758	2-324
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1111a	1189	
	C ₈ H ₁₆	2,4,4-Trimethylpent-2-ene	1111a	1188	2-325
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111a	1757	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111a	1187	
		1-Bromo-2-chloroethane			
	C ₃ H ₈ O	Propan-1-ol	1131	1064	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	2712	
C₂H₄Br₂		1,2-Dibromoethane			
	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	1231	2103	2-104
	C ₄ H ₈ O ₂	1,4-Dioxane	1111	3238	
	C ₆ H ₆	Benzene	1111	1583	2-102
	C ₆ H ₆	Benzene	1111	2774	
	C ₆ H ₆	Benzene	1111	3239	
	C ₆ H ₆	Benzene	1111	3247	
	C ₆ H ₁₂	Cyclohexane	1111	3240	
	C ₇ H ₈	Toluene	1111	3248	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1111	3250	
	C ₈ H ₁₀	1,3-Dimethylbenzene	1111	3251	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	3249	
		1,1-Dichloroethane			
C₂H₄Cl₂	C ₃ H ₇ Br	1-Bromopropane	1231	0557	
	C ₄ H ₈ O	Butan-2-one	1311	1543	2-229
C₂H₄Cl₂		1,2-Dichloroethane			
	C ₂ H ₆ O	Ethanol	1231	3171	
	C ₃ H ₄ O	Prop-2-yn-1-ol	1211	0743	
	C ₃ H ₆ O	Propan-2-one	1111	2940	
	C ₃ H ₆ O ₃	Dimethyl carbonate	1211	2996	
	C ₃ H ₈ O	Propan-1-ol	1231	3172	
	C ₃ H ₈ O	Propan-1-ol	1131	1063	
	C ₄ H ₈ O	Butan-2-one	1131	2768	
	C ₄ H ₈ O	Butan-2-one	1311	1637	
	C ₄ H ₈ O	Butan-2-one	1211	3203	
	C ₄ H ₈ O	Oxolane	1211	2579	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	2711	
	C ₄ H ₉ Cl	1-Chlorobutane	1131	0586	2-90
	C ₄ H ₁₀ O	Butan-1-ol	1231	0882	2-220
	C ₄ H ₁₀ O	Butan-2-ol	1231	0883	2-224
	C ₄ H ₁₀ O	Diethyl ether	1121	1930	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1231	0884	2-222
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	0885	2-226
	C ₄ H ₁₀ O ₂	2,5-Dioxahexane	1121	1931	
	C ₅ H ₄ O ₂	2-Furaldehyde	1231	2946	
	C ₅ H ₈ O	Cyclopentanone	1111	3022	
	C ₅ H ₉ NO	1-Methylpyrrolidin-2-one	1211	2336	
	C ₅ H ₁₀	Cyclopentane	1231	2035	
	C ₅ H ₁₀ O	Pentan-3-one	1121	2526	
	C ₅ H ₁₀ O	Pentan-3-one	1111	2524	
	C ₅ H ₁₂ O	2-Methylbutan-1-ol	1211	2589	
	C ₅ H ₁₂ O ₂	3,5-Dioxaheptane	1121	1932	
	C ₆ H ₅ Cl	Chlorobenzene	1211	2612	
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	2613	
	C ₆ H ₆	Benzene	1231	0641	
	C ₆ H ₁₀	Cyclohexene	1231	1876	2-77
	C ₆ H ₁₀	Cyclohexene	1231	2033	
	C ₆ H ₁₀	Cyclohexene	1231	0372	
	C ₆ H ₁₂	Cyclohexane	1111	1967	2-75
	C ₆ H ₁₂	Cyclohexane	1231	1877	2-76
	C ₆ H ₁₂	Cyclohexane	1231	0373	

C₂H₄Cl₂**C₂H₅I**

Formula		Name	EVLM	LB	Page
Comp. 1	Comp. 2				
C₂H₄Cl₂		1,2-Dichloroethane (cont.)			
	C ₆ H ₁₄	Hexane	1131	2950	
	C ₇ H ₈ O	2-Methylphenol	1211	2176	
	C ₇ H ₈ O	Methyl phenyl ether	1131	1945	
	C ₇ H ₁₆	Heptane	1131	2951	
	C ₇ H ₁₆	Heptane	1131	0671	
	C ₇ H ₁₆	Heptane	1131	2968	2-71
	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	3066	
	C ₈ H ₁₀	Ethylbenzene	1231	3065	
	C ₈ H ₁₈	Octane	1131	2952	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	2462	2-73
	C ₈ H ₁₈ O	Dibutyl ether	1131	1864	
		1,1-Difluoroethane			
C₂H₄F₂	C ₃ H ₆	Propene	1131	1137	
C₂H₄O		Ethanal			
	C ₃ H ₆ O	Methyloxirane <undefined optical isomer>	1131	1455	
	C ₃ H ₆ O	Propan-2-one	1131	1454	2-273
C₂H₄O₂	C ₃ H ₆ O ₂	Methyl ethanoate	1131	1722	
		Ethanoic acid			
	C ₃ H ₆ O ₂	1,3-Dioxolane	1231	0716	
	C ₃ H ₆ O ₂	Methyl ethanoate	1111	0953	2-292
	C ₃ H ₆ O ₂	Propanoic acid	1131	2000	
	C ₃ H ₆ O ₂	Propanoic acid	1211	1528	
	C ₃ H ₆ O ₂	Propanoic acid	1241	1531	
	C ₃ H ₇ Br	1-Bromopropane	1131	1354	
	C ₃ H ₇ NO	N,N-Dimethylmethanamide	1131	0678	
	C ₄ H ₆ O ₂	Vinyl ethanoate	1211	1843	
	C ₄ H ₆ O ₂	Vinyl ethanoate	1241	1845	
	C ₄ H ₈ O	Butan-2-one	1131	1182	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1211	1844	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1241	1846	
	C ₄ H ₁₀ O	Butan-1-ol	1231	2651	
	C ₅ H ₄ O ₂	2-Furaldehyde	1231	2687	
	C ₅ H ₁₀ O	Pentan-2-one	1131	0635	
	C ₆ H ₆	Benzene	1131	1226	
	C ₆ H ₁₂	Cyclohexane	1131	1227	
	C ₆ H ₁₂	Hex-1-ene	1131	1228	
	C ₆ H ₁₂ O ₂	Butyl ethanoate	1231	2249	2-292
	C ₆ H ₁₂ O ₂	2-Methylpropyl ethanoate	1131	0770	
	C ₆ H ₁₄	Hexane	1131	1229	
	C ₆ H ₁₄ O	Hexan-1-ol	1231	2782	
	C ₆ H ₁₄ O ₂	3-Oxaheptan-1-ol	1131	0378	
	C ₇ H ₈ O	Phenylmethanol	1111	0466	
	C ₈ H ₁₆ O ₂	Hexyl ethanoate	1231	2784	
	C ₈ H ₁₈	Octane	1111	2014	2-197
C₂H₄O₂		Methyl methanoate			
	C ₂ H ₆ O	Ethanol	1131	1510	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	2713	
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1111	1836	2-285
C₂H₅Br	C ₇ H ₁₆	Heptane	1231	2348	2-183
		Bromoethane			
	C ₂ H ₅ I	Iodoethane	1131	2777	
C₂H₅HO	C ₂ H ₆ O	Ethanol	1131	2787	
	C ₇ H ₁₆	Heptane	1131	2775	
		(O-2H)Ethanol			
C₂H₅I	C ₆ H ₁₄	Hexane	1111	2488	
		Iodoethane			
	C ₂ H ₆ O	Ethanol	1131	2786	
	C ₃ H ₆ O	Propan-2-one	1111	2887	
	C ₃ H ₇ Br	1-Bromopropane	1111	0156	
	C ₃ H ₇ Br	1-Bromopropane	1121	0161	
	C ₄ H ₉ Cl	1-Chlorobutane	1111	0157	
	C ₄ H ₉ Cl	1-Chlorobutane	1121	0162	
	C ₄ H ₁₀ O	Butan-1-ol	1111	2888	
	C ₆ H ₅ NO ₂	Nitrobenzene	1111	2889	
	C ₆ H ₆	Benzene	1111	3035	
	C ₆ H ₆	Benzene	1111	2890	

C₂H₅I		a - Two-phase fluid-fluid		C₂H₆O	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₂H₅I		Iodoethane (cont.)			
	C ₆ H ₁₂	Cyclohexane	1111	3036	
	C ₇ H ₁₆	Heptane	1131	2776	2-106
C₂H₅N		Aziridine			
	C ₆ H ₁₂	Cyclohexane	1111	0693	
C₂H₅NO		N-Methylmethanamide			
	C ₂ H ₆ O	Ethanol	1111	2207	
	C ₆ H ₅ Cl	Chlorobenzene	1111	2334	
	C ₆ H ₆	Benzene	1111	2333	2-354
	C ₆ H ₁₄	Hexane	1111a	2332	2-354
C₂H₅NO₂		Nitroethane			
	C ₆ H ₁₂	Cyclohexane	1111	0351	
	C ₆ H ₁₂	Cyclohexane	1111a	2098	2-357
	C ₇ H ₈	Toluene	1111	0421	
C₂H₆		Ethane			
	C ₃ H ₆ O	Propan-2-one	1131	1900	
	C ₃ H ₆ O ₂	Methyl ethanoate	1131	1901	
	C ₃ H ₈	Propane	1131	3017	2-6
	C ₄ H ₁₀ O	Diethyl ether	1131	1902	
	C ₆ H ₆	Benzene	1131	1903	
	C ₆ H ₁₄	Hexane	1131	1904	
C₂H₆Cl₂Si		Dichlorodimethylsilane			
	C ₆ H ₆	Benzene	1211	2380	2-376
C₂H₆O		Dimethyl ether			
	C ₂ H ₆ O	Ethanol	1111	1241	
	C ₃ HF ₇	1,1,1,2,3,3,3-Heptafluoropropane	1131	2164	2-200
	C ₃ H ₂ F ₆	1,1,1,3,3,3-Hexafluoropropane	1131	0001	
	C ₃ H ₆	Propene	1111	2301	
	C ₃ H ₆	Propene	1131	2300	2-111
	C ₃ H ₆ O ₂	Ethyl methanoate	1111	1459	2-274
	C ₃ H ₈	Propane	1111	2302	
	C ₃ H ₈	Propane	1131	2299	2-109
	C ₄ H ₁₀	Butane	1111	1240	
	C ₄ H ₁₀	2-Methylpropane	1131	1225	2-109
	C ₆ H ₆ O	Phenol	1111	1466	2-260
	C ₆ H ₇ N	Aniline	1111	1470	
C₂H₆O		Ethanol			
	C ₂ H ₈ N ₂	Ethane-1,2-diamine	1211	1881	
	C ₃ H ₆ O	Propan-2-one	1111	0869	
	C ₃ H ₆ O	Propan-2-one	1131	1389	2-269
	C ₃ H ₆ O ₂	1,3-Dioxolane	1131	1848	2-248
	C ₃ H ₆ O ₂	Ethyl methanoate	1131	0653	
	C ₃ H ₆ O ₂	Methyl ethanoate	1131	0588	
	C ₃ H ₆ O ₃	Dimethyl carbonate	1131	2809	2-288
	C ₃ H ₆ O ₃	Dimethyl carbonate	1211	2571	
	C ₃ H ₆ O ₃	Dimethyl carbonate	1231	2734	
	C ₃ H ₇ Br	1-Bromopropane	1131	1355	
	C ₃ H ₇ NO	N,N-Dimethylmethanamide	1111	2059	
	C ₃ H ₈ O	Propan-1-ol	1111	1677	
	C ₃ H ₈ O	Propan-1-ol	1231	1987	
	C ₃ H ₈ O	Propan-2-ol	1111	1812	
	C ₃ H ₈ O	Propan-2-ol	1111	0036	2-256
	C ₃ H ₈ O	Propan-2-ol	1231	1988	
	C ₄ H ₃ F ₇ O	1,1,2,2-Tetrafluoroethyl 2,2,2-trifluoroethyl ether	1231	0859	
	C ₄ H ₄ S	Thiophene	1121	1647	2-301
	C ₄ H ₇ N	Butanenitrile	1111	0582	2-343
	C ₄ H ₈	But-1-ene	1111	2131	
	C ₄ H ₈	cis-But-2-ene	1111	2145	
	C ₄ H ₈	trans-But-2-ene	1111	2235	
	C ₄ H ₈	2-Methylpropene	1111	2593	
	C ₄ H ₈	2-Methylpropene	1111	0194	
	C ₄ H ₈ O	Butan-2-one	1131	0579	2-270
	C ₄ H ₈ O	Butan-2-one	1131	0657	
	C ₄ H ₈ O	Ethyloxirane <undefined optical isomer>	1131	1555	2-246
	C ₄ H ₈ O	Oxolane	1121	3254	
	C ₄ H ₈ O	Oxolane	1231	1913	2-246
	C ₄ H ₈ O ₂	1,4-Dioxane	1111	0344	2-248

C₂H₆O**C₂H₆O**

Formula		Name	EVLM	LB	Page
Comp. 1	Comp. 2				
C₂H₆O		Ethanol (cont.)			
	C ₄ H ₈ O ₂	1,4-Dioxane	1111	0598	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	0456	
	C ₄ H ₈ O ₂	Methyl propanoate	1131	1509	
	C ₄ H ₈ O ₂	Methyl propanoate	1131	0865	2-279
	C ₄ H ₈ O ₂	Propyl methanoate	1231	2865	
	C ₄ H ₈ O ₂	Propyl methanoate	1231	2859	
	C ₄ H ₈ O ₂ S	Thiolane 1,1-dioxide	1111	0440	
	C ₄ H ₉ Br	1-Bromobutane	1111	2136	2-233
	C ₄ H ₉ Cl	1-Chlorobutane	1111	2665	2-219
	C ₄ H ₉ N	Pyrrolidine	1131	0935	2-338
	C ₄ H ₉ NO	N,N-Dimethylethanamide	1111	3223	2-363
	C ₄ H ₉ NO	Morpholine	1231	0690	2-361
	C ₄ H ₁₀	Butane	1111	1238	
	C ₄ H ₁₀	Butane	1111	0195	
	C ₄ H ₁₀	Butane	1111	2061	2-148
	C ₄ H ₁₀	2-Methylpropane	1111	2368	
	C ₄ H ₁₀ O	Butan-1-ol	1111	1678	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1111	1808	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1231	2598	2-253
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	1818	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	0088	
	C ₄ H ₁₀ O ₂	2,5-Dioxahexane	1231	0523	
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1111	0357	
	C ₄ H ₁₂ O ₄ Si	Tetramethoxysilane	1211	1887	
	C ₅ H ₃ F ₉ O	1,1,2,3,3,3-Hexafluoropropyl 2,2,2-trifluoroethyl ether	1231	2068	
	C ₅ H ₅ N	Pyridine	1111	3053	
	C ₅ H ₅ N	Pyridine	1111	3026	2-335
	C ₅ H ₁₀ O	2-Methyloxolane	1111	2200	2-247
	C ₅ H ₁₀ O ₂	Methyl butanoate	1131	0866	
	C ₅ H ₁₀ O ₂	Methyl butanoate	1231	0949	
	C ₅ H ₁₀ O ₃	Diethyl carbonate	1231	1828	
	C ₅ H ₁₀ O ₃	Ethyl (S)-(-)-2-hydroxypropanoate	1231	2064	
	C ₅ H ₁₁ NO	N,N-Diethylmethanamide	1111	2160	
	C ₅ H ₁₂	Pentane	1131	1183	2-149
	C ₅ H ₁₂ O	2-Methylbutan-1-ol	1231	1825	
	C ₅ H ₁₂ O	2-Methylbutan-1-ol	1231	2781	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	1679	
	C ₆ H ₅ Cl	Chlorobenzene	1111	0021	
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	3095	2-370
	C ₆ H ₆	Benzene	1111	1373	
	C ₆ H ₆	Benzene	1111	0429	
	C ₆ H ₆	Benzene	1111	0037	2-156
	C ₆ H ₆	Benzene	1131	1124	
	C ₆ H ₆	Benzene	1131	0580	
	C ₆ H ₇ N	Aniline	1111	0826	2-340
	C ₆ H ₇ N	2-Methylpyridine	1111	3054	
	C ₆ H ₇ N	3-Methylpyridine	1111	3041	
	C ₆ H ₇ N	4-Methylpyridine	1111	3042	
	C ₆ H ₁₀	Hex-1-yne	1311	2532	
	C ₆ H ₁₀	Hex-2-yne	1311	2530	
	C ₆ H ₁₀	Hex-3-yne	1311	2506	
	C ₆ H ₁₂	Cyclohexane	1111	1374	
	C ₆ H ₁₂	Cyclohexane	1121	0502	
	C ₆ H ₁₂	2,3-Dimethylbut-2-ene	1231	2623	
	C ₆ H ₁₂	Hex-1-ene	1121	1663	
	C ₆ H ₁₄	2,3-Dimethylbutane	1231	1956	
	C ₆ H ₁₄	Hexane	1111	1375	
	C ₆ H ₁₄	Hexane	1111	2485	
	C ₆ H ₁₄	Hexane	1111	1795	
	C ₆ H ₁₄	Hexane	1111	0954	
	C ₆ H ₁₄	Hexane	1131	3276	
	C ₆ H ₁₄	Hexane	1231	3277	
	C ₆ H ₁₄	2-Methylpentane	1231	1744	
	C ₆ H ₁₄	3-Methylpentane	1231	2157	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1111	3301	2-244
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1121	3273	

C₂H₆O

a - Two-phase fluid-fluid

C₂H₆O₂

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₂H₆O		Ethanol (cont.)			
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1211	2308	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1221	2310	
	C ₆ H ₁₄ O	Diisopropyl ether	1231	3030	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1121	3261	
	C ₆ H ₁₅ N	Dipropylamine	1211	1882	
	C ₆ H ₁₅ N	Triethylamine	1111	1627	
	C ₆ H ₁₅ N	Triethylamine	1111	0607	
	C ₆ H ₁₈ OSi ₂	Hexamethyldisiloxane	1131	2986	2-379
	C ₆ H ₁₈ OSi ₂	Hexamethyldisiloxane	1231	1878	2-379
	C ₇ H ₈	Toluene	1111	0649	2-157
	C ₇ H ₈	Toluene	1111	0430	
	C ₇ H ₈	Toluene	1121	2756	
	C ₇ H ₈	Toluene	1131	2987	
	C ₇ H ₈ O	2-Methylphenol	1211	2922	
	C ₇ H ₈ O	4-Methylphenol	1211	2931	
	C ₇ H ₉ N	2,6-Dimethylpyridine	1111	3043	
	C ₇ H ₁₄	Hept-1-ene	1121	1658	
	C ₇ H ₁₄	Methylcyclohexane	1131	3314	
	C ₇ H ₁₄	Methylcyclohexane	1231	2565	
	C ₇ H ₁₄ O ₂	Propyl butanoate	1231	1120	
	C ₇ H ₁₅ N ₂ O ₄ P	1-Methyl-3-methylimidazolium dimethylphosphate	1111	2390	
	C ₇ H ₁₆	Heptane	1111	0448	
	C ₇ H ₁₆	Heptane	1111	0705	
	C ₇ H ₁₆	Heptane	1111	1796	
	C ₇ H ₁₆	Heptane	1131	1577	
	C ₇ H ₁₆	Heptane	1131	0613	
	C ₇ H ₁₆ O	Ethyl 1,1-dimethylpropyl ether	1111	1718	
	C ₇ H ₁₆ O	Ethyl 1,1-dimethylpropyl ether	1231	2357	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	2886	2-157
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	0431	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	2566	
	C ₈ H ₁₀	Ethylbenzene	1211	3195	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1131	1563	2-154
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1231	2170	
	C ₈ H ₁₆ O ₂	Hexyl ethanoate	1231	0064	2-281
	C ₈ H ₁₈	Octane	1111	1797	
	C ₈ H ₁₈	Octane	1231	2023	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1231	2024	
	C ₈ H ₁₈ O	Dibutyl ether	1131	1362	2-240
	C ₈ H ₁₈ O	Octan-1-ol	1231	2021	2-252
	C ₈ H ₂₀ O ₄ Si	Tetraethoxysilane	1211	1886	
	C ₈ H ₂₀ O ₄ Si	Tetraethoxysilane	1231	2239	2-380
	C ₉ H ₂₀	Nonane	1131	0614	
	C ₁₀ H ₁₅ F ₆ N ₃ O ₄ S ₂	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111	2277	2-374
	C ₁₀ H ₂₂ O	Decan-1-ol	1111	0603	2-252
	C ₁₁ H ₂₄	Undecane	1111	0565	
	C ₁₁ H ₂₄	Undecane	1121	0570	
	C ₁₅ H ₃₃ N	Triptylamine	1111	3029	
	C ₁₆ H ₃₄	Hexadecane	1111a	0447	2-149
C₂²H₆O		(2H6)Ethanol			
C₂H₆OS	C ₆ H ₁₄	Hexane	1111	2486	
		Dimethyl sulfoxide			
	C ₂ H ₆ O ₂	Ethane-1,2-diol	1111	2843	
	C ₃ H ₇ NO	N,N-Dimethylmethanamide	1111	2844	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	2845	
	C ₆ H ₆	Benzene	1111	1029	2-302
	C ₆ H ₆	Benzene	1311	2542	
	C ₆ H ₁₀	Hex-1-yne	1311	2522	2-302
	C ₆ H ₁₀	Hex-2-yne	1311	2521	
	C ₆ H ₁₀	Hex-3-yne	1311	2523	
	C ₇ H ₈	Toluene	1111	1442	2-303
	C ₈ H ₁₀	1,4-Dimethylbenzene	1112	3283	
	C ₉ H ₁₂	Isopropylbenzene	1311	2543	2-303
	C ₉ H ₁₈ O	Nonan-5-one	1111	0031	
		Ethane-1,2-diol			
C₂H₆O₂	C ₃ H ₄ O ₃	1,3-Dioxolan-2-one	1231	2253	

C₂H₆O₂		a - Two-phase fluid-fluid		C₃H₅Cl	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₂H₆O₂		Ethane-1,2-diol (cont.)			
	C ₃ H ₆ O	Propan-2-one	1111	2833	
	C ₃ H ₆ O ₃	Dimethyl carbonate	1231	2252	
	C ₃ H ₇ NO	N,N-Dimethylmethanamide	1111	2846	
	C ₃ H ₇ NO	N-Methylethanamide	1231	2088	2-367
	C ₅ H ₁₂ O	3-Methylbutan-1-ol	1231	3019	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	2847	2-263
	C ₅ H ₁₂ O	Pentan-1-ol	1231	3018	2-263
	C ₇ H ₈	Toluene	1111a	0017	
	C ₈ H ₁₈ O ₂	2-(Hexyloxy)ethanol	1111	1092	
	C ₁₀ H ₂₂ O ₃	3,6-Dioxadodecan-1-ol	1111	2822	
C₂H₆S		Ethanethiol			
C₂H₆S₂	C ₃ H ₆	Propene	1111	1074	2-300
		2,3-Dithiabutane			
	C ₆ H ₁₂	Cyclohexane	1121	2226	
	C ₇ H ₁₆	Heptane	1121	2225	
C₂H₇N		Dimethylamine			
	C ₆ H ₁₄	Hexane	1111	1473	2-311
	C ₆ H ₁₄	Hexane	1111	1483	
C₂H₇N		Ethylamine			
	C ₄ H ₁₀	Butane	1111	1487	2-315
	C ₆ H ₁₄	Hexane	1111	1488	
C₂H₈N₂		Ethane-1,2-diamine			
	C ₃ H ₈ O	Propan-2-ol	1211	1883	
	C ₆ H ₆	Benzene	1231	1874	
C₃HF₇		1,1,1,2,3,3,3-Heptafluoropropane			
	C ₃ H ₈	Propane	1131	0390	
	C ₃ H ₈	Propane	1131	0264	2-58
	C ₄ H ₁₀	2-Methylpropane	1131	1223	
C₃H₂F₆		1,1,1,3,3,3-Hexafluoropropane			
	C ₄ H ₁₀	2-Methylpropane	1131	2306	
C₃H₃N		Propenenitrile			
	C ₄ H ₈ O	Butan-2-one	1231	0767	
	C ₅ H ₁₂	Pentane	1111	0402	2-328
	C ₅ H ₁₂	Pentane	1141	0404	
	C ₆ H ₆	Benzene	1231	0763	
	C ₆ H ₁₀ O	Cyclohexanone	1211	2284	
	C ₆ H ₁₂	Cyclohexane	1231	0765	
	C ₆ H ₁₄	Hexane	1231	0766	2-328
	C ₇ H ₈	Toluene	1231	0764	
	C ₈ H ₁₀	Ethylbenzene	1211	3215	
C₃H₄Cl₂		cis-1,3-Dichloropropene			
C₃H₄O	C ₃ H ₄ Cl ₂	trans-1,3-Dichloropropene	1131	0381	
		Propenal			
	C ₃ H ₈ O	Propan-2-ol	1111	1788	
	C ₃ H ₈ O	Propan-2-ol	1231	1791	
	C ₄ H ₁₀ O	Butan-1-ol	1111	1789	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	1790	
C₃H₄O₂		Propenoic acid			
C₃H₄O₃	C ₄ H ₆ O ₂	Methyl propenoate	1111	2961	2-293
		1,3-Dioxolan-2-one			
	C ₃ H ₆ O ₃	Dimethyl carbonate	1231	2251	
	C ₆ H ₆	Benzene	1211	3014	
	C ₇ H ₈	Toluene	1211	3015	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1211	3016	
C₃H₅Br		3-Bromopropene			
	C ₆ H ₁₂	Hex-1-ene	1121	1669	
	C ₇ H ₁₄	Hept-1-ene	1121	1671	
C₃H₅Cl		cis-1-Chloropropene			
C₃H₅Cl	C ₃ H ₆ O	Methyloxirane <undefined optical isomer>	1111	0789	
		trans-1-Chloropropene			
C₃H₅Cl	C ₃ H ₆ O	Methyloxirane <undefined optical isomer>	1111	0790	
C₃H₅Cl		1-Chloropropene <mixture of cis/trans isomers>			
	C ₃ H ₆ Cl ₂	1,2-Dichloropropane	1111	0788	2-92
	C ₃ H ₈ O ₂	Propane-1,2-diol	1111a	0787	
	C ₇ H ₁₂ O ₄	Propane-1,2-diol diethanoate	1111	0785	

C₃H₅ClO		C₃H₆O			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₃H₅ClO		(Chloromethyl)oxirane <undefined optical isomer>			
	C ₃ H ₆ Cl ₂ O	2,3-Dichloropropan-1-ol	1111	1080	
	C ₃ H ₆ Cl ₂ O	1,3-Dichloropropan-2-ol	1111	1079	
	C ₃ H ₆ O ₂	(Hydroxymethyl)oxirane	1111	1081	
	C ₃ H ₇ ClO ₂	3-Chloropropan-1,2-diol	1111	1082	
	C ₄ H ₉ Cl	2-Chlorobutane	1131	1441	
	C ₆ H ₁₂	Cyclohexane	1211	2683	
	C ₈ H ₁₀	Ethylbenzene	1211	3217	
C₃H₅N		Propanenitrile			
	C ₅ H ₁₂	Pentane	1111	0805	
	C ₆ H ₆	Benzene	1131	0981	2-327
	C ₆ H ₁₂	Cyclohexane	1121	3183	2-323
	C ₆ H ₁₄	Hexane	1111	0806	
	C ₇ H ₁₆	Heptane	1111	0804	2-322
	C ₇ H ₁₆	Heptane	1121	3180	
	C ₇ H ₁₆	Heptane	1131	0979	2-322
	C ₈ H ₁₀	Ethylbenzene	1111	1388	
	C ₈ H ₁₈	Octane	1111	0807	
C₃H₆		Propene			
	C ₃ H ₆ O	Methyloxirane <undefined optical isomer>	1111	1351	
	C ₃ H ₆ O	Methyloxirane <undefined optical isomer>	1131	0684	
	C ₃ H ₆ O	Propan-2-one	1131	0685	2-179
	C ₃ H ₇ F	2-Fluoropropane	1131	1506	
	C ₃ H ₈	Propane	1111	1299	
	C ₃ H ₈	Propane	1232	3227	
	C ₃ H ₈ O	Propan-2-ol	1111	3289	
	C ₃ H ₈ O	Propan-2-ol	1111	1724	
	C ₃ H ₈ O	Propan-2-ol	1121	3291	
	C ₄ H ₁₀ O	Butan-2-ol	1131	3287	2-164
	C ₄ H ₁₀ O	Diethyl ether	1131	0686	2-111
	C ₆ H ₆	Benzene	1131	1317	2-33
	C ₈ H ₈ O	Methyl phenyl ketone	1111	1463	
	C ₈ H ₈ O	Methyl phenyl ketone	1111	2564	
	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	1111	1702	
C₃H₆Br₂		1,3-Dibromopropane			
	C ₉ H ₂₀	Nonane	1131	1316	2-100
C₃H₆Cl₂		1,2-Dichloropropane			
	C ₃ H ₆ O	Methyloxirane <undefined optical isomer>	1111	1347	2-212
	C ₃ H ₆ O	Propanal	1111	1909	
	C ₃ H ₈ O ₂	Propane-1,2-diol	1111	0786	
	C ₇ H ₁₂ O ₄	Propane-1,2-diol diethanoate	1111	0784	
C₃H₆Cl₂		1,3-Dichloropropane			
	C ₄ H ₁₀ O	Butan-1-ol	1231	0316	
	C ₄ H ₁₀ O	Butan-2-ol	1231	0317	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1231	0318	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	0319	
	C ₅ H ₁₀ O	Pentan-3-one	1111	2525	
	C ₅ H ₁₀ O	Pentan-3-one	1121	2527	
C₃H₆Cl₂Si		Dichloromethylvinylsilane			
	C ₇ H ₈	Toluene	1211	2407	
C₃H₆O		Methyloxirane <undefined optical isomer>			
	C ₃ H ₆ O ₂	Methyl ethanoate	1111	1350	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	1348	
	C ₆ H ₁₄	2-Methylpentane	1111	2561	2-133
C₃H₆O		Oxetane			
	C ₆ F ₆	Hexafluorobenzene	1111	0956	
	C ₆ H ₁₂	Cyclohexane	1111	0709	2-134
C₃H₆O		Propanal			
	C ₄ H ₁₀	Butane	1111	1093	
	C ₅ H ₁₂	Pentane	1131	0672	
	C ₅ H ₁₂ O	2-Methylbutan-2-ol	1111	1295	
C₃H₆O		Propan-2-one			
	C ₃ H ₆ O ₂	1,3-Dioxolane	1231	1915	2-268
	C ₃ H ₆ O ₂	Methyl ethanoate	1111	0596	2-287
	C ₃ H ₆ O ₃	Dimethyl carbonate	1231	2268	2-290
	C ₃ H ₇ NO	N,N-Dimethylmethanamide	1111	2161	
	C ₃ H ₈ O	Propan-2-ol	1131	1696	

C₃H₆O

a - Two-phase fluid-fluid

C₃H₆O₂

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₃H₆O		Propan-2-one (cont.)			
	C ₄ H ₆ O	But-3-en-2-one	1231	2115	
	C ₄ H ₇ NO	2-Hydroxy-2-methylpropanenitrile	1111	2824	
	C ₄ H ₈	But-1-ene	1111	2422	
	C ₄ H ₈	cis-But-2-ene	1111	2423	
	C ₄ H ₈	trans-But-2-ene	1111	2425	
	C ₄ H ₈	2-Methylpropene	1111	2424	
	C ₄ H ₈ O	Butan-2-one	1111	2472	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1231	2692	
	C ₄ H ₉ Cl	1-Chlorobutane	1111	0067	2-227
	C ₄ H ₁₀	Butane	1111	2419	
	C ₄ H ₁₀	2-Methylpropane	1111	2421	2-177
	C ₄ H ₁₀ O	Diethyl ether	1111	0816	2-267
	C ₄ H ₁₁ N	Diethylamine	1111	0794	
	C ₅ H ₅ N	Pyridine	1111	0542	
	C ₅ H ₉ NO	1-Methylpyrrolidin-2-one	1111	3220	
	C ₅ H ₁₀ O	Cyclopentanol	1111	0617	
	C ₅ H ₁₀ O	Pentan-3-one	1231	1480	
	C ₅ H ₁₀ O ₃	Diethyl carbonate	1231	2353	2-290
	C ₅ H ₁₁ NO	N,N-Diethylmethanamide	1111	2162	
	C ₅ H ₁₂	Pentane	1131	0739	2-175
	C ₅ H ₁₂	Pentane	1131	1175	
	C ₅ H ₁₂ O ₂	2,2-Dimethoxypropane	1111	0221	
	C ₅ H ₁₂ O ₂	2,2-Dimethoxypropane	1211	0223	
	C ₆ H ₅ Cl	Chlorobenzene	1111	0822	2-228
	C ₆ H ₆	Benzene	1131	0728	2-180
	C ₆ H ₆	Benzene	1131	1301	
	C ₆ H ₆	Benzene	1111	0871	
	C ₆ H ₇ N	Aniline	1111	0829	
	C ₆ H ₁₂	Cyclohexane	1111	2450	2-178
	C ₆ H ₁₂	Cyclohexane	1131	1302	
	C ₆ H ₁₂	Cyclohexane	1131	0547	
	C ₆ H ₁₄	Hexane	1111	0872	
	C ₆ H ₁₄	Hexane	1131	0737	
	C ₆ H ₁₄	Hexane	1131	0738	
	C ₆ H ₁₄	Hexane	1131	0740	2-175
	C ₆ H ₁₄	Hexane	1231	2693	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1131	2570	2-267
	C ₆ H ₁₄ O ₂	1,1-Diethoxyethane	1131	2259	
	C ₇ H ₈	Toluene	1111	0422	
	C ₇ H ₈	Toluene	1111	0873	
	C ₇ H ₁₄	Methylcyclohexane	1111	0423	
	C ₇ H ₁₅ N ₂ O ₄ P	1-Methyl-3-methylimidazolium dimethylphosphate	1111a	2388	
	C ₇ H ₁₆	Heptane	1111	0874	
	C ₇ H ₁₆	Heptane	1131	0741	
	C ₇ H ₁₆	Heptane	1131	0735	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1111	0876	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	0877	
	C ₈ H ₁₀	Ethylbenzene	1111	0875	
	C ₈ H ₁₁ F ₆ N ₃ O ₄ S ₂	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111	2382	
	C ₈ H ₁₈	Octane	1111	0878	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1231	2409	
	C ₈ H ₁₈ O	Dibutyl ether	1231	1741	
	C ₉ H ₁₀	Isopropenylbenzene	1111	2830	
	C ₉ H ₁₂	Isopropylbenzene	1111	2831	2-180
	C ₉ H ₂₀	Nonane	1111	0879	
	C ₉ H ₂₀	Nonane	1131	0736	
	C ₁₀ H ₁₅ F ₆ N ₃ O ₄ S ₂	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111	2387	
	C ₁₀ H ₂₂	Decane	1111	0880	
	C ₁₀ H ₂₂	Decane	1131	0742	
C₃H₆O		Prop-2-en-1-ol			
	C ₆ H ₆	Benzene	1131	2708	
C₃H₆O₂	C ₆ H ₁₂	Cyclohexane	1131	2829	
		1,3-Dioxolane			
	C ₄ H ₈ O ₂	1,4-Dioxane	1231	0676	
	C ₄ H ₉ Cl	1-Chlorobutane	1231	0983	
	C ₄ H ₉ Cl	1-Chlorobutane	1231	0320	

C₃H₆O₂		C₃H₆O₂			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₃H₆O₂		1,3-Dioxolane (cont.)			
	C ₄ H ₉ Cl	2-Chlorobutane	1231	0984	
	C ₄ H ₉ Cl	2-Chlorobutane	1231	0321	
	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	1231	0322	
	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	1231	0323	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1231	1024	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	1025	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1231	2801	
	C ₆ H ₁₂	Cyclohexane	1131	1850	2-141
	C ₆ H ₁₄	Hexane	1131	2327	2-140
	C ₇ H ₈	Toluene	1231	2857	2-144
	C ₇ H ₁₆	Heptane	1131	1851	2-140
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	2036	2-141
C₃H₆O₂		Ethyl methanoate			
	C ₃ H ₇ Br	1-Bromopropane	1231	1984	2-235
	C ₃ H ₈ O	Propan-1-ol	1131	0655	
	C ₃ H ₈ O	Propan-2-ol	1131	0654	
	C ₄ H ₈ O	Butan-2-one	1131	3144	2-287
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	3101	
	C ₆ H ₅ Cl	Chlorobenzene	1131	0851	
	C ₆ H ₆	Benzene	1111	0191	2-190
	C ₆ H ₆	Benzene	1131	0841	
	C ₆ H ₆	Benzene	1231	0845	
	C ₆ H ₆ O	Phenol	1131	0890	
	C ₆ H ₁₂	Cyclohexane	1131	0842	
	C ₆ H ₁₂	Cyclohexane	1231	0846	
	C ₆ H ₁₂	Cyclohexane	1231	1978	
	C ₆ H ₁₄	Hexane	1231	2443	
	C ₇ H ₈	Toluene	1131	0852	
	C ₇ H ₈	Toluene	1131	3145	
	C ₇ H ₁₆	Heptane	1231	2444	
	C ₈ H ₁₈	Octane	1231	2445	
	C ₉ H ₂₀	Nonane	1231	2446	
	C ₁₀ H ₂₂	Decane	1231	2447	
C₃H₆O₂		(Hydroxymethyl)oxirane			
	C ₄ H ₁₀ O ₂	(+,-)-1-Methoxypropan-2-ol	1131	0379	
C₃H₆O₂		Methyl ethanoate			
	C ₃ H ₇ Br	1-Bromopropane	1231	1972	
	C ₃ H ₈ O	Propan-1-ol	1131	0659	
	C ₃ H ₈ O	Propan-2-ol	1131	0658	
	C ₄ H ₈ O	Ethyloxirane <undefined optical isomer>	1131	1456	
	C ₄ H ₈ O	Ethyloxirane <undefined optical isomer>	1131	2828	2-275
	C ₄ H ₈ O	Ethyloxirane <undefined optical isomer>	1231	2827	
	C ₄ H ₈ O	Oxolane	1231	0747	
	C ₄ H ₁₀ O	Butan-1-ol	1211	0107	
	C ₄ H ₁₀ O	Butan-1-ol	1211	2508	2-278
	C ₄ H ₁₀ O	Butan-1-ol	1221	0116	
	C ₄ H ₁₀ O	Butan-1-ol	1221	2511	
	C ₄ H ₁₀ O	Butan-2-ol	1211	0108	
	C ₄ H ₁₀ O	Butan-2-ol	1221	0117	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1211	0109	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1221	0118	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	2714	
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1111	1832	
	C ₅ H ₈ O ₂	Methyl 2-methylpropenoate	1231	0600	
	C ₅ H ₁₀	Pent-1-ene	1111	1725	
	C ₅ H ₁₂	Pentane	1131	0636	2-183
	C ₅ H ₁₂	Pentane	1131	1084	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1231	2805	
	C ₆ H ₅ Cl	Chlorobenzene	1231	2101	
	C ₆ H ₆	Benzene	1131	0061	2-190
	C ₆ H ₁₂	Cyclohexane	1131	0062	2-186
	C ₆ H ₁₂	Hex-1-ene	1131	1312	
	C ₆ H ₁₂	Hex-1-ene	1231	1496	2-189
	C ₆ H ₁₄ O	Diisopropyl ether	1231	1097	2-274
	C ₆ H ₁₄ O	Diisopropyl ether	1231	0780	
	C ₇ H ₈	Toluene	1231	1971	

C₃H₆O₂**C₃H₇Br**

Formula			EVLM	LB	Page
Comp. 1	Comp. 2	Name			
C ₃ H ₆ O ₂		Methyl ethanoate (cont.)			
	C ₇ H ₁₆	Heptane	1231	2349	
C ₃ H ₆ O ₂		Propanoic acid			
	C ₃ H ₇ Br	1-Bromopropane	1131	1356	
	C ₄ H ₈ O ₂	Butanoic acid	1231	0308	2-294
	C ₅ H ₁₀ O ₂	Pentanoic acid	1131	2230	2-294
	C ₅ H ₁₀ O ₂	Pentanoic acid	1231	2233	
	C ₆ H ₆	Benzene	1131	1230	2-197
	C ₆ H ₁₂	Cyclohexane	1131	1231	
	C ₆ H ₁₂	Hex-1-ene	1131	1234	
	C ₆ H ₁₄	Hexane	1131	1233	
	C ₇ H ₁₄ O ₂	Butyl propanoate	1231	0361	2-293
	C ₇ H ₁₆	Heptane	1131	1232	
C ₃ H ₆ O ₃		Dimethyl carbonate			
	C ₃ H ₈ O	Propan-1-ol	1131	2810	
	C ₃ H ₈ O	Propan-1-ol	1211	2572	
	C ₃ H ₈ O	Propan-1-ol	1231	2735	2-289
	C ₃ H ₈ O	Propan-2-ol	1211	2577	
	C ₃ H ₈ O	Propan-2-ol	1231	2083	
	C ₄ H ₈ O	Butan-2-one	1231	2269	
	C ₄ H ₈ O	Ethylloxirane <undefined optical isomer>	1131	2011	
	C ₄ H ₁₀ O	Butan-1-ol	1211	2573	
	C ₄ H ₁₀ O	Butan-1-ol	1231	2736	
	C ₄ H ₁₀ O	Butan-2-ol	1211	2574	
	C ₄ H ₁₀ O	Butan-2-ol	1231	2082	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1211	2575	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1211	2576	
	C ₅ H ₁₀ O	Pentan-2-one	1231	2270	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1131	2806	
	C ₅ H ₁₂ O	Pentan-1-ol	1231	2737	
	C ₆ H ₆	Benzene	1121	1368	
	C ₆ H ₆	Benzene	1311	2518	
	C ₆ H ₆ O	Phenol	1231	2433	
	C ₆ H ₁₀	Hex-1-yne	1311	1548	
	C ₆ H ₁₀	Hex-2-yne	1311	1552	
	C ₆ H ₁₀	Hex-3-yne	1311	1551	
	C ₆ H ₁₂	Cyclohexane	1121	1369	
	C ₆ H ₁₂	Cyclohexane	1311	1547	
	C ₆ H ₁₂	Cyclohexane	1231	2319	
	C ₆ H ₁₂	Hex-1-ene	1311	1550	
	C ₆ H ₁₄	Hexane	1121	1614	
	C ₆ H ₁₄	Hexane	1231	2320	
	C ₇ H ₁₆	Heptane	1311	1549	2-195
	C ₇ H ₁₆	Heptane	1231	2322	
	C ₈ H ₁₈	Octane	1121	1615	
	C ₈ H ₁₈	Octane	1231	2321	
	C ₉ H ₁₂	Isopropylbenzene	1311	2519	
	C ₉ H ₂₀	Nonane	1231	2318	
	C ₁₀ H ₂₂	Decane	1121	1613	
	C ₁₀ H ₂₂	Decane	1231	2317	
C ₃ H ₇ Br		1-Bromopropane			
	C ₃ H ₈ O	Propan-1-ol	1131	1357	2-234
	C ₄ H ₆ O ₂	Vinyl ethanoate	1231	1969	
	C ₄ H ₈ O	Butan-2-one	1231	0933	
	C ₄ H ₉ Cl	1-Chlorobutane	1111	0158	2-103
	C ₄ H ₉ Cl	1-Chlorobutane	1121	0163	2-103
	C ₄ H ₁₀ O	Butan-1-ol	1231	2469	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	0555	
	C ₅ H ₈ O ₂	Methyl 2-methylpropenoate	1231	1970	
	C ₅ H ₁₀ O ₂	Ethyl propanoate	1131	1358	
	C ₅ H ₁₀ O ₂	Methyl butanoate	1231	1912	
	C ₅ H ₁₀ O ₂	Propyl ethanoate	1131	1359	2-235
	C ₅ H ₁₁ F	1-Fluoropentane	1111	0159	
	C ₆ H ₁₂	Cyclohexane	1231	2467	
	C ₆ H ₁₂	Hex-1-ene	1121	1670	
	C ₇ H ₈	Toluene	1131	1360	2-101
	C ₇ H ₁₆	Heptane	1231	2468	2-99

C₃H₇Br		a - Two-phase fluid-fluid		C₃H₈	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₃H₇Br		1-Bromopropane (cont.)			
	C ₈ H ₁₀	1,4-Dimethylbenzene	1131	1361	
C₃H₇Cl	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	0556	2-101
		1-Chloropropane			
C₃H₇F	C ₆ H ₆	Benzene	1111	0578	
	C ₆ H ₁₂	Cyclohexane	1111	1499	
C₃H₇²H₂N		2-Fluoropropane			
	C ₃ H ₈	Propane	1131	1504	2-55
	C ₄ H ₁₀	Butane	1131	1505	2-55
	C ₄ H ₁₀	2-Methylpropane	1131	1507	
C₃H₇²H₂N	C ₆ H ₁₄	Isopropyl(2H₂)amine			
		Hexane	1111	1107	
C₃H₇²H₂N	C ₆ H ₁₄	Propyl(2H₂)amine			
		Hexane	1111	1108	
C₃H₇N		Azetidine			
	C ₆ H ₁₂	Cyclohexane	1111	0694	
C₃H₇NO		N,N-Dimethylmethanamide			
	C ₃ H ₈ O	Propan-1-ol	1111	2480	
	C ₃ H ₈ O	Propan-2-ol	1131	0681	
	C ₄ H ₆	Buta-1,3-diene	1111	2962	
	C ₄ H ₈	But-1-ene	1111	2963	2-348
	C ₄ H ₈ O	2-Methylpropanal	1131	0644	2-364
	C ₄ H ₈ O ₂	1,4-Dioxane	1131	2163	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	0643	2-365
	C ₄ H ₁₀ O	Butan-1-ol	1111	1281	2-362
	C ₄ H ₁₀ O	Butan-1-ol	1231	1114	2-363
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1231	2365	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	2848	
	C ₅ H ₁₂ O	Pentan-1-ol	1231	1115	
	C ₆ H ₆	Benzene	1231	2814	2-348
	C ₆ H ₇ N	Aniline	1111	2849	
	C ₆ H ₁₂	Cyclohexane	1211	2677	
	C ₆ H ₁₂	Cyclohexane	1231a	2815	
	C ₆ H ₁₂ O ₂	Butyl ethanoate	1131	0679	
	C ₆ H ₁₂ O ₂	2-Methylpropyl ethanoate	1231	2366	2-365
	C ₆ H ₁₃ N	Cyclohexylamine	1131	0703	
	C ₆ H ₁₄	Hexane	1231a	2816	
	C ₇ H ₆ O	Benzaldehyde	1131	0704	2-364
	C ₇ H ₈	Toluene	1111	2748	
		N-Methylethanamide			
	C ₅ H ₅ N	Pyridine	1111	2154	
	C ₆ H ₆ O	Phenol	1111	2090	
	C ₆ H ₇ N	Aniline	1111	2086	
	C ₆ H ₁₀ O	Cyclohexanone	1231	2050	
	C ₆ H ₁₅ N	Dipropylamine	1111	2152	
	C ₆ H ₁₅ N	Triethylamine	1111	2153	
	C ₈ H ₁₆	Cyclooctane	1111a	2018	
	C ₈ H ₁₆	Oct-1-ene	1111	2155	2-355
	C ₈ H ₁₈	Octane	1111a	2017	2-355
	C ₁₀ H ₈	Naphthalene	1111	2089	
	C ₁₀ H ₂₂	Decane	1111a	2087	
C₃H₇NO₂		Ethyl carbamate			
	C ₄ H ₁₀ O	Butan-1-ol	1111	2602	
	C ₅ H ₉ NO	Butyl isocyanate	1111	2603	
C₃H₇NO₂	C ₉ H ₂₀	Nonane	1111	2601	
		1-Nitropropane			
	C ₆ H ₁₂	Cyclohexane	1111	0353	2-357
	C ₆ H ₁₂	Cyclohexane	1121	2213	
C₃H₇NO₂	C ₇ H ₁₆	Heptane	1121	2214	
		2-Nitropropane			
	C ₆ H ₁₂	Cyclohexane	1111	0352	2-358
C₃H₈		Propane			
	C ₃ H ₈ O	Propan-2-ol	1111	3288	
	C ₃ H ₈ O	Propan-2-ol	1121	3290	
	C ₄ H ₁₀	Butane	1131	2114	2-7
	C ₄ H ₁₀	2-Methylpropane	1131	2604	2-9
	C ₄ H ₁₀ O	Butan-2-ol	1131	3286	2-160

C₃H₈		C₃H₈O			
Formula		Name	EVLM	LB	Page
Comp. 1	Comp. 2				
C₃H₈		Propane (cont.)			
	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	1111	1701	2-48
	C ₂₀ H ₄₂	Icosane	1311	2055	2-7
C₃H₈²HN		N-Methylethyl(2H)amine			
	C ₆ H ₁₄	Hexane	1111	1105	
C₃H₈O		Propan-1-ol			
	C ₃ H ₈ O	Propan-2-ol	1111	1813	
	C ₃ H ₈ O	Propan-2-ol	1131	1635	
	C ₃ H ₉ N	Propylamine	1111	0951	2-339
	C ₄ H ₃ F ₇ O	Heptafluoropropyl methyl ether	1231	0384	
	C ₄ H ₃ F ₇ O	1,1,2,2-Tetrafluoroethyl 2,2,2-trifluoroethyl ether	1231	0856	
	C ₄ H ₇ N	Butanenitrile	1111	3105	
	C ₄ H ₈	But-1-ene	1111	2557	
	C ₄ H ₈	cis-But-2-ene	1111	2558	
	C ₄ H ₈	trans-But-2-ene	1111	2556	
	C ₄ H ₈	2-Methylpropene	1111	2553	
	C ₄ H ₈ O	Butan-2-one	1111	1044	
	C ₄ H ₈ O	Ethylloxirane <undefined optical isomer>	1131	1556	2-247
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	0457	
	C ₄ H ₈ O ₂	Methyl propanoate	1131	2002	2-280
	C ₄ H ₈ O ₂	Propyl methanoate	1231	2861	
	C ₄ H ₈ O ₂	Propyl methanoate	1231	2858	
	C ₄ H ₉ Cl	1-Chlorobutane	1111	1379	
	C ₄ H ₉ Cl	1-Chlorobutane	1111	3125	
	C ₄ H ₁₀	Butane	1111	2554	
	C ₄ H ₁₀	2-Methylpropane	1111	2555	
	C ₄ H ₁₀ O	Butan-1-ol	1111	1680	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1111	1809	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	1819	
	C ₄ H ₁₀ O ₂	2,5-Dioxahexane	1231	0524	
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1111	0359	
	C ₅ H ₃ F ₉ O	1,1,2,3,3,3-Hexafluoropropyl 2,2,2-trifluoroethyl ether	1231	0387	2-295
	C ₅ H ₅ N	Pyridine	1111	3055	
	C ₅ H ₅ N	Pyridine	1111	3027	
	C ₅ H ₉ NO	1-Methylpyrrolidin-2-one	1111	3080	
	C ₅ H ₁₀ O ₂	Methyl butanoate	1131	2001	2-280
	C ₅ H ₁₀ O ₂	Methyl butanoate	1231	0950	
	C ₅ H ₁₀ O ₃	Diethyl carbonate	1231	1829	
	C ₅ H ₁₂	Pentane	1131	3001	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	1681	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	0799	
	C ₅ H ₁₂ O	Pentan-2-ol	1111	0801	
	C ₆ H ₅ Cl	Chlorobenzene	1231	1910	
	C ₆ H ₅ Cl	Chlorobenzene	1231	2795	2-221
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	3094	
	C ₆ H ₆	Benzene	1111	1376	
	C ₆ H ₆	Benzene	1111	0432	
	C ₆ H ₆	Benzene	1111	2109	
	C ₆ H ₆	Benzene	1131	1003	
	C ₆ H ₇ N	2-Methylpyridine	1111	3056	
	C ₆ H ₇ N	3-Methylpyridine	1111	3044	
	C ₆ H ₇ N	4-Methylpyridine	1111	3045	
	C ₆ H ₁₂	Cyclohexane	1111	1377	
	C ₆ H ₁₂	Hex-1-ene	1121	1665	
	C ₆ H ₁₄	Hexane	1111	2143	
	C ₆ H ₁₄	Hexane	1111	1378	
	C ₆ H ₁₄	Hexane	1111	0236	
	C ₆ H ₁₄	Hexane	1131	3173	
	C ₆ H ₁₄	Hexane	1131	1890	
	C ₆ H ₁₄	Hexane	1131	1575	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1121	3274	
	C ₆ H ₁₄ O	Diisopropyl ether	1111	2108	
	C ₆ H ₁₄ O	Diisopropyl ether	1231	1096	
	C ₆ H ₁₄ O	Diisopropyl ether	1231	3031	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1111	2142	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1121	3260	
	C ₆ H ₁₄ O ₃	2,5,8-Trioxanonane	1111	0546	

C₃H₈O**C₃H₈O**

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₃H₈O		Propan-1-ol (cont.)			
	C ₆ H ₁₅ N	Dipropylamine	1111	2410	2-336
	C ₆ H ₁₅ N	Triethylamine	1111	1625	
	C ₆ H ₁₅ N	Triethylamine	1111	0593	
	C ₇ H ₈	Toluene	1111	0433	
	C ₇ H ₈ O	2-Methylphenol	1211	2923	
	C ₇ H ₈ O	4-Methylphenol	1211	2932	
	C ₇ H ₉ N	2,6-Dimethylpyridine	1111	3046	
	C ₇ H ₁₄	Hept-1-ene	1121	1652	
	C ₇ H ₁₄	Methylcyclohexane	1131	1321	
	C ₇ H ₁₄	Methylcyclohexane	1231	2091	
	C ₇ H ₁₄ O ₂	Propyl butanoate	1231	1121	
	C ₇ H ₁₆	Heptane	1111	1380	
	C ₇ H ₁₆	Heptane	1111	3127	
	C ₇ H ₁₆	Heptane	1111	0650	2-150
	C ₇ H ₁₆	Heptane	1131	1576	
	C ₇ H ₁₆	Heptane	1111	0237	
	C ₇ H ₁₆	Heptane	1111	0467	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	0434	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1131	2773	
	C ₈ H ₁₀	Ethylbenzene	1211	3196	
	C ₈ H ₁₄	Oct-1-yne	1211	1649	
	C ₈ H ₁₈	Octane	1111	0468	
	C ₈ H ₁₈	Octane	1131	0619	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	0286	2-152
	C ₉ H ₂₀	Nonane	1111	0472	
	C ₉ H ₂₀	Nonane	1131	0723	2-150
	C ₁₀ H ₁₅ F ₆ N ₃ O ₄ S ₂	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111	2278	
	C ₁₀ H ₂₂	Decane	1121	2757	
	C ₁₀ H ₂₂ O	Decan-1-ol	1111	0604	
	C ₁₁ H ₂₄	Undecane	1111	0566	
	C ₁₁ H ₂₄	Undecane	1121	0571	
C₃H₈O		Propan-2-ol			
	C ₃ H ₈ O ₂	2,4-Dioxapentane	1211	2719	
	C ₄ H ₇ N	Butanenitrile	1111	3106	
	C ₄ H ₈	But-1-ene	1111	2132	
	C ₄ H ₈	cis-But-2-ene	1111	2146	
	C ₄ H ₈	trans-But-2-ene	1111	2236	
	C ₄ H ₈	2-Methylpropene	1111	2594	
	C ₄ H ₈ O	Butan-2-one	1131	0660	
	C ₄ H ₈ O	Butan-2-one	1111	1045	
	C ₄ H ₈ O	Butan-2-one	1231	0297	
	C ₄ H ₈ O	Ethylloxirane <undefined optical isomer>	1131	1557	
	C ₄ H ₈ O	Oxolane	1231	2316	
	C ₄ H ₈ O	Oxolane	1231	2802	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	0881	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	0458	2-282
	C ₄ H ₈ O ₂	Ethyl ethanoate	1231	3129	2-282
	C ₄ H ₈ O ₂ S	Thiolane 1,1-dioxide	1111	1212	
	C ₄ H ₉ Cl	1-Chlorobutane	1231	0978	
	C ₄ H ₁₀	2-Methylpropane	1111	2369	
	C ₄ H ₁₀ O	Butan-1-ol	1111	1814	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1111	1815	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	1820	
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1111	0360	
	C ₄ H ₁₀ O ₂	(+,-)-1-Methoxypropan-2-ol	1131	0888	2-265
	C ₅ H ₃ F ₉ O	1,1,2,3,3,3-Hexafluoropropyl 2,2,2-trifluoroethyl ether	1231	2069	
	C ₅ H ₅ N	Pyridine	1111	1196	
	C ₅ H ₁₀ O ₂	Ethyl propanoate	1231	3131	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1231	2312	2-254
	C ₅ H ₁₂ O	Pentan-1-ol	1111	0800	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	1816	
	C ₅ H ₁₂ O	Pentan-2-ol	1111	0802	
	C ₆ H ₅ Cl	Chlorobenzene	1131	1327	
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	3096	
	C ₆ H ₆	Benzene	1131	1127	
	C ₆ H ₆	Benzene	1131	1330	2-165

C₃H₈O**C₃H₈O₂**

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₃H₈O		Propan-2-ol (cont.)			
	C ₆ H ₆	Benzene	1231	2418	
	C ₆ H ₇ N	2-Methylpyridine	1111	1197	
	C ₆ H ₇ N	3-Methylpyridine	1111	1198	
	C ₆ H ₁₂	Cyclohexane	1131	1331	
	C ₆ H ₁₂	2,3-Dimethylbut-2-ene	1231	2624	2-164
	C ₆ H ₁₂	Hex-1-ene	1121	1664	
	C ₆ H ₁₂	Hex-1-ene	1231	1497	
	C ₆ H ₁₂ O	4-Methylpentan-2-one	1131	2726	
	C ₆ H ₁₂ O ₂	Ethyl butanoate	1231	3132	
	C ₆ H ₁₄	Hexane	1131	0287	2-160
	C ₆ H ₁₄	Hexane	1131	3174	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1131	2568	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1231	2313	
	C ₆ H ₁₄ O	Diisopropyl ether	1111	1394	2-254
	C ₆ H ₁₄ O	Diisopropyl ether	1111	1536	2-255
	C ₆ H ₁₄ O	Diisopropyl ether	1121	1539	
	C ₆ H ₁₄ O	Diisopropyl ether	1231	1071	
	C ₆ H ₁₄ O ₂	1,1-Diethoxyethane	1131	2257	
	C ₆ H ₁₅ N	Dipropylamine	1211	1884	
	C ₆ H ₁₅ N	Triethylamine	1111	0605	
	C ₇ H ₈	Toluene	1231	1420	
	C ₇ H ₈ O	2-Methylphenol	1211	2924	
	C ₇ H ₈ O	4-Methylphenol	1211	2933	
	C ₇ H ₉ N	2,6-Dimethylpyridine	1111	1199	
	C ₇ H ₁₄	Methylcyclohexane	1131	1332	2-163
	C ₇ H ₁₄	Methylcyclohexane	1231	2420	
	C ₇ H ₁₄	Methylcyclohexane	1231	2092	
	C ₇ H ₁₆	Heptane	1111	0651	
	C ₇ H ₁₆	Heptane	1111	0473	
	C ₇ H ₁₆	Heptane	1111	1395	
	C ₇ H ₁₆	Heptane	1111	3175	
	C ₈ H ₁₀	Ethylbenzene	1211	3197	
	C ₈ H ₁₁ F ₆ N ₃ O ₄ S ₂	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111	2384	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1131	1826	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1231	2296	
	C ₈ H ₁₆ O ₃	Isopropyl (S)-(-)-2-hydroxy-2-methylpropanoate	1231	2063	
	C ₈ H ₁₈	Octane	1131	0590	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	0474	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	1537	2-162
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1121	1540	
	C ₉ H ₁₂	Isopropylbenzene	1231	0677	
	C ₉ H ₂₀	Nonane	1131	0724	
	C ₁₀ H ₁₅ F ₆ N ₃ O ₄ S ₂	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111	2386	2-374
	C ₁₀ H ₂₂ O	Decan-1-ol	1111	1642	2-256
C₃H₈O₂		2,4-Dioxapentane			
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1211	2717	
	C ₆ H ₁₂	Cyclohexane	1121	3148	
	C ₆ H ₁₄	Hexane	1131	1165	
	C ₆ H ₁₄ O	Diisopropyl ether	1211	2718	
C₃H₈O₂	C ₈ H ₁₈	2,2,4-Trimethylpentane	1211	2722	
		2-Methoxyethanol			
	C ₆ H ₁₂	Cyclohexane	1111	0251	2-173
	C ₆ H ₁₄	Hexane	1111	1619	
	C ₆ H ₁₄	Hexane	1111	0252	
	C ₆ H ₁₄ O	Diisopropyl ether	1131	1433	2-264
	C ₇ H ₁₆	Heptane	1111	1620	
	C ₇ H ₁₆	Heptane	1111	0253	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	3299	
	C ₈ H ₁₀	Ethylbenzene	1231	3298	
	C ₈ H ₁₆	Oct-1-ene	1211	1711	
	C ₈ H ₁₆	cis-Oct-4-ene	1211	1712	
	C ₈ H ₁₆	trans-Oct-4-ene	1211	1713	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	1621	
C₃H₈O₂		Propane-1,2-diol			
	C ₄ H ₁₀ O ₂	(+,-)-1-Methoxypropan-2-ol	1111	1462	
	C ₇ H ₁₆ O ₃	Di(propylene glycol) methyl ether <mixture of isomers>	1111	1465	

C₃H₈O₂		a - Two-phase fluid-fluid		C₄H₆O₂	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₃H₈O₂		Propane-1,2-diol (cont.)			
	C ₈ H ₁₈ O ₂	2-(Hexyloxy)ethanol	1111	2823	
C₃H₈S		Propane-1-thiol			
	C ₄ H ₁₀	Butane	1111	2821	2-300
C₃H₈S		2-Thiabutane			
	C ₆ H ₁₂	Cyclohexane	1121	2220	
	C ₇ H ₁₆	Heptane	1121	2219	2-298
C₃H₉BO₃		Trimethoxyborane			
	C ₇ H ₁₆	Heptane	1231	1917	
C₃H₉N		Isopropylamine			
	C ₆ H ₁₄	Hexane	1111	1109	
C₃H₉N		N-Methylethylamine			
	C ₆ H ₁₄	Hexane	1111	1103	
C₃H₉N		Propylamine			
	C ₄ H ₁₁ N	Diethylamine	1111	0818	
	C ₆ H ₆ O	Phenol	1111	1467	
	C ₆ H ₁₄	Hexane	1111	1106	2-315
	C ₆ H ₁₄	Hexane	1111	1486	
	C ₈ H ₁₀	Ethylbenzene	1111	1468	2-316
C₃H₉N		Trimethylamine			
	C ₆ H ₁₄	Hexane	1111	1479	2-305
C₃H₉O₃P		Trimethyl phosphite			
	C ₆ H ₆	Benzene	1211	0906	
	C ₆ H ₁₅ N	Triethylamine	1211	0907	
C₄H₂O₃		1-Oxacyclopent-3-en-2,5-dione			
	C ₈ H ₁₈	Octane	1231a	0376	2-196
C₄H₃F₇O		Heptafluoropropyl methyl ether			
	C ₄ H ₈ O	Butan-2-one	1231	0385	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1231	0386	
C₄H₃F₇O		Methyl heptafluoroisopropyl ether			
	C ₇ H ₁₆	Heptane	1231	2648	
C₄H₃F₇O		1,1,2,2-Tetrafluoroethyl 2,2,2-trifluoroethyl ether			
	C ₄ H ₈ O	Butan-2-one	1231	0857	
	C ₄ H ₈ O ₂	Ethyl ethanoate	1231	0858	
C₄H₄F₆O		Bis(2,2,2-trifluoroethyl) ether			
	C ₆ H ₁₄ O	Butyl ethyl ether	1231	2647	
C₄H₄O		Furan			
	C ₄ H ₈ O	Oxolane	1111	0543	
C₄H₄S		Thiophene			
	C ₄ H ₈ O	Butan-2-one	1121	1661	
	C ₅ H ₆ O	2-Methylfuran	1131	1855	
	C ₆ H ₆	Benzene	1111	0997	2-299
	C ₆ H ₆	Benzene	1121	1648	
	C ₆ H ₆	Benzene	1131	0241	
	C ₇ H ₁₄	Methylcyclohexane	1131	1573	2-299
C₄H₆		Buta-1,3-diene			
	C ₄ H ₈ O ₂	Ethyl ethanoate	1111	0912	
	C ₄ H ₁₀ O	Diethyl ether	1111	0913	
	C ₆ H ₆	Benzene	1111	0914	
C₄H₆O		trans-But-2-enal			
	C ₄ H ₈ O	Butan-2-one	1131	1036	
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1131	1039	
	C ₇ H ₈	Toluene	1131	1041	
C₄H₆O		2,3-Dihydrofuran			
	C ₄ H ₈ O	Oxolane	1111	1460	
C₄H₆O₂		Butane-2,3-dione			
	C ₆ H ₁₂	Cyclohexane	1131	0772	
	C ₇ H ₈	Toluene	1111	0575	
	C ₇ H ₈	Toluene	1131	0771	
C₄H₆O₂		Oxolan-2-one			
	C ₆ H ₆	Benzene	1111	0138	2-193
C₄H₆O₂		Vinyl ethanoate			
	C ₅ H ₈ O ₂	Methyl 2-methylpropenoate	1231	0934	
	C ₅ H ₈ O ₂	Vinyl propanoate	1231	2256	
	C ₅ H ₁₀ O ₂	Ethyl propanoate	1231	0305	
	C ₅ H ₁₀ O ₂	Isopropyl ethanoate	1231	2636	
	C ₅ H ₁₀ O ₂	Propyl ethanoate	1231	2639	

C₄H₆O₂		C₄H₈O			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₄H₆O₂		Vinyl ethanoate (cont.)			
	C ₅ H ₁₀ O ₃	Diethyl carbonate	1231	2272	
	C ₆ H ₁₂ O ₂	Butyl ethanoate	1231	0247	
	C ₆ H ₁₂ O ₂	2-Methylpropyl ethanoate	1231	0246	
	C ₇ H ₁₄ O ₂	Pentyl ethanoate	1231	0854	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	1629	
	C ₁₀ H ₂₂	Decane	1231	2054	2-194
C₄H₆O₃		Ethanoic anhydride			
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	0637	
C₄H₆O₃	C ₈ H ₁₈	Octane	1111	2019	2-196
		(+,-)-Methyl-1,3-dioxolan-2-one			
	C ₆ H ₆	Benzene	1211	3013	
C₄H₇N	C ₇ H ₈	Toluene	1211	3011	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1211	3012	
		Butanenitrile			
C₄H₈	C ₄ H ₁₀ O	Butan-1-ol	1111	0583	
	C ₄ H ₁₀ O	Butan-2-ol	1111	2453	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1111	0926	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	0927	
	C ₆ H ₆	Benzene	1131	0982	
	C ₆ H ₁₂	Cyclohexane	1121	3184	
	C ₆ H ₁₄ O	Hexan-1-ol	1111	1427	
	C ₇ H ₁₆	Heptane	1121	3181	
	C ₇ H ₁₆	Heptane	1131	0980	
	C ₈ H ₁₈ O	Octan-1-ol	1111	1426	
		But-1-ene			
	C ₄ H ₈ O ₂	Ethyl ethanoate	1111	2073	
	C ₄ H ₁₀ O	Butan-2-ol	1111	2133	
C₄H₈	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	2134	
		cis-But-2-ene			
	C ₄ H ₈ O ₂	Ethyl ethanoate	1111	2076	
C₄H₈	C ₄ H ₁₀ O	Butan-2-ol	1111	2147	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	2148	
		trans-But-2-ene			
C₄H₈	C ₄ H ₈ O ₂	Ethyl ethanoate	1111	2077	
	C ₄ H ₁₀ O	Butan-2-ol	1111	2237	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	2238	
C₄H₈		2-Methylpropene			
	C ₄ H ₈ O ₂	Ethyl ethanoate	1111	2078	
	C ₄ H ₁₀ O	Butan-2-ol	1111	2595	
C₄H₈Cl₂	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	2596	2-169
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1131	1728	2-123
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1131	1727	2-124
C₄H₈Cl₂O		1,4-Dichlorobutane			
	C ₄ H ₁₀ O	Butan-1-ol	1231	0312	
	C ₄ H ₁₀ O	Butan-2-ol	1231	0313	2-225
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1231	0314	2-222
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	0315	2-226
C₄H₈Cl₂O	C ₅ H ₁₀ O	Pentan-3-one	1131	2129	
		Bis(2-chloroethyl) ether			
C₄H₈O	C ₆ H ₁₄	Hexane	1111	1579	
		Butanal			
	C ₆ H ₆	Benzene	1121	2749	
C₄H₈O	C ₆ H ₁₂ O ₂	Butyl ethanoate	1121	2758	
	C ₇ H ₈	Toluene	1131	1365	2-174
	C ₇ H ₁₂	Hept-1-yne	1211	2742	
	C ₇ H ₁₆	Heptane	1131	0673	2-174
	C ₈ H ₁₆	Oct-1-ene	1121	2759	
C₄H₈O		Butan-2-one			
	C ₄ H ₈ O	Oxolane	1231	2209	
	C ₄ H ₉ NO	Butan-2-one oxime	1111	1591	
	C ₄ H ₁₀ O	Butan-1-ol	1111	1977	2-270
	C ₄ H ₁₀ O	Butan-1-ol	1231	1952	
	C ₄ H ₁₀ O	Butan-2-ol	1111	0254	2-271
	C ₄ H ₁₀ O	Butan-2-ol	1231	1953	
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1131	1037	
	C ₅ H ₃ F ₉ O	1,1,2,3,3,3-Hexafluoropropyl 2,2,2-trifluoroethyl ether	1231	0388	

C₄H₈O		a - Two-phase fluid-fluid		C₄H₈O	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₄H₈O		Butan-2-one (cont.)			
	C ₅ H ₁₀ O ₃	Diethyl carbonate	1231	2354	
	C ₅ H ₁₂ O	3-Methylbutan-1-ol	1231	1954	
	C ₆ H ₆	Benzene	1111	1767	
	C ₆ H ₈	Cyclohexa-1,4-diene	1111	1770	
	C ₆ H ₁₀	Cyclohexene	1111	1769	
	C ₆ H ₁₂	Cyclohexane	1111	1768	
	C ₆ H ₁₂	Cyclohexane	1131	0548	2-178
	C ₆ H ₁₂	Hex-1-ene	1131	0338	
	C ₆ H ₁₄ O	Hexan-1-ol	1111	0754	
	C ₇ H ₈	Toluene	1131	1038	
	C ₇ H ₁₄	Hept-1-ene	1121	1653	
	C ₇ H ₁₆	Heptane	1131	3108	2-176
	C ₇ H ₁₆	Heptane	1231	2208	2-176
	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	0932	
	C ₈ H ₁₀	Ethylbenzene	1111	1837	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1111	1760	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1111	1192	
	C ₈ H ₁₆	2,4,4-Trimethylpent-2-ene	1111	1191	2-179
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	1759	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	1190	2-177
	C ₈ H ₁₈ O	Octan-1-ol	1111	0755	
C₄H₈O		2,2-Dimethyloxirane			
C₄H₈O	C ₄ H ₈ O	Ethyloxirane <undefined optical isomer>	1131	1457	
C₄H₈O		Ethyloxirane <undefined optical isomer>			
	C ₄ H ₉ Cl	1-Chlorobutane	1131	1439	2-212
	C ₄ H ₉ Cl	2-Chlorobutane	1131	1440	
	C ₆ H ₁₂	Hex-1-ene	1131	1437	2-137
	C ₆ H ₁₄	Hexane	1131	1434	2-132
	C ₇ H ₁₆	Heptane	1131	1436	
	C ₈ H ₁₆	Oct-1-ene	1131	1438	2-137
C₄H₈O		2-Methylpropanal			
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	0645	2-286
	C ₆ H ₆	Benzene	1121	2750	
	C ₇ H ₈	Toluene	1121	2751	
	C ₇ H ₁₆	Heptane	1131	0674	
	C ₇ H ₁₆	Heptane	1131	0647	
C₄H₈O		Oxolane			
	C ₄ H ₈ O ₂	Ethyl ethanoate	1131	0551	2-276
	C ₄ H ₈ O ₂ S	Thiolane 1,1-dioxide	1131	1982	
	C ₄ H ₉ N	Pyrrolidine	1131	0936	2-337
	C ₄ H ₁₀ O	Butan-1-ol	1211	2580	
	C ₄ H ₁₀ O	Butan-2-ol	1211	2585	
	C ₄ H ₁₀ O	Butan-2-ol	1231	0930	
	C ₄ H ₁₀ O	Diethyl ether	1111	1174	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1211	2587	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1211	2588	
	C ₅ H ₂ F ₁₀	1,1,1,2,3,4,4,5,5,5-Decafluoropentane <mixture of diastereomers>	1111	0781	
	C ₅ H ₂ F ₁₀	1,1,1,2,3,4,4,5,5,5-Decafluoropentane <mixture of diastereomers>	1211	0782	
	C ₅ H ₂ F ₁₀	1,1,1,2,3,4,4,5,5,5-Decafluoropentane <mixture of diastereomers>	1231	1294	2-200
	C ₅ H ₂ F ₁₀	1,1,1,2,3,4,4,5,5,5-Decafluoropentane <threo diastereomer>	1211	2631	
	C ₅ H ₆ O	2-Methylfuran	1231	2703	
	C ₅ H ₁₀ O ₂	Propyl ethanoate	1231	0931	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1231	2803	2-238
	C ₆ F ₆	Hexafluorobenzene	1111	0957	
	C ₆ H ₅ Cl	Chlorobenzene	1231	0985	
	C ₆ H ₆	Benzene	1111	2872	2-139
	C ₆ H ₁₂	Cyclohexane	1111	0710	
	C ₆ H ₁₂	Cyclohexane	1111	2873	2-134
	C ₆ H ₁₂	Cyclohexane	1131	0549	2-135
	C ₆ H ₁₂	Hex-1-ene	1311	1640	2-138
	C ₆ H ₁₄	Hexane	1131	0550	2-131
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1231	2315	
	C ₇ H ₈	Toluene	1111	2874	
	C ₇ H ₈	Toluene	1231	0746	
	C ₇ H ₁₄	Methylcyclohexane	1111	2481	
	C ₇ H ₁₅ N ₂ O ₄ P	1-Methyl-3-methylimidazolium dimethylphosphate	1111a	2392	

C₄H₈O		C₄H₈O₂			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₄H₈O		Oxolane (cont.)			
	C ₇ H ₁₆	Heptane	1111	2875	2-131
	C ₇ H ₁₆	Heptane	1211	2582	
	C ₇ H ₁₆	Heptane	1231	2804	
	C ₈ H ₁₀	Ethylbenzene	1111	2482	
	C ₈ H ₁₁ F ₆ N ₃ O ₄ S ₂	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111	2383	
	C ₈ H ₁₈	Octane	1231	2193	2-132
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	2037	
C₄H₈O₂		Butanoic acid			
	C ₄ H ₈ O ₂	2-Methylpropanoic acid	1231	0309	
	C ₄ H ₁₀ O	Butan-1-ol	1231	2652	
	C ₅ H ₁₀ O ₂	3-Methylbutanoic acid	1231	0310	
	C ₆ H ₁₂ O ₂	Hexanoic acid	1231	0311	
C₄H₈O₂		1,4-Dioxane			
	C ₄ H ₈ O ₂ S	Thiolane 1,1-dioxide	1131	1980	
	C ₄ H ₉ Cl	1-Chlorobutane	1231	0998	
	C ₄ H ₉ Cl	2-Chlorobutane	1231	0999	
	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	1231	1000	
	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	1231	1001	
	C ₄ H ₉ NO	Butan-2-one oxime	1111	1592	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1231	1027	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	1026	
	C ₅ H ₁₀	Cyclopentane	1231	2171	2-143
	C ₅ H ₁₀ O	Cyclopentanol	1111	3007	
	C ₅ H ₁₀ O	Oxane	1112	0512	
	C ₅ H ₁₁ N	Piperidine	1112	0511	2-337
	C ₆ F ₆	Hexafluorobenzene	1111	0958	
	C ₆ H ₆	Benzene	1111	2880	2-144
	C ₆ H ₆	Benzene	1231	2173	
	C ₆ H ₁₂	Cyclohexane	1111	2876	
	C ₆ H ₁₂	Cyclohexane	1211	2678	
	C ₆ H ₁₂	Cyclohexane	1131	2328	
	C ₆ H ₁₂	Cyclohexane	1231	2172	2-143
	C ₆ H ₁₄	Hexane	1131	2329	
	C ₇ H ₈	Toluene	1111	2877	
	C ₇ H ₁₄	Methylcyclohexane	1111	2483	
	C ₇ H ₁₆	Heptane	1111	2878	2-142
	C ₈ H ₁₀	Ethylbenzene	1111	2484	
C₄H₈O₂		Ethyl ethanoate			
	C ₄ H ₉ Cl	1-Chlorobutane	1111	0068	
	C ₄ H ₉ NO	Butan-2-one oxime	1111	1593	
	C ₄ H ₁₀	Butane	1111	2075	
	C ₄ H ₁₀	2-Methylpropane	1111	2079	
	C ₄ H ₁₀ O	Butan-2-ol	1231	3130	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	3102	2-284
	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	1111	1833	
	C ₄ H ₁₁ N	Diethylamine	1111	0819	
	C ₅ H ₃ F ₉ O	1,1,2,3,3,3-Hexafluoropropyl 2,2,2-trifluoroethyl ether	1231	0389	
	C ₅ H ₅ N	Pyridine	1111	1076	
	C ₅ H ₁₀ O	Pentanal	1121	2760	
	C ₅ H ₁₂ O	Pentan-1-ol	1231	2597	
	C ₆ H ₅ Cl	Chlorobenzene	1111	0823	
	C ₆ H ₆	Benzene	1131	0843	
	C ₆ H ₆	Benzene	1131	0897	
	C ₆ H ₇ N	Aniline	1111	0024	
	C ₆ H ₇ N	2-Methylpyridine	1111	2097	
	C ₆ H ₁₂	Cyclohexane	1111	0183	2-186
	C ₆ H ₁₂	Cyclohexane	1121	0185	
	C ₆ H ₁₂	Cyclohexane	1131	0552	
	C ₆ H ₁₂	Cyclohexane	1131	2882	2-187
	C ₆ H ₁₂	Cyclohexane	1131	0844	
	C ₆ H ₁₂	Hex-1-ene	1131	1313	2-189
	C ₆ H ₁₄	Hexane	1131	2883	
	C ₆ H ₁₄	Hexane	1231	2694	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1131	2569	2-275
	C ₆ H ₁₄ O	Diisopropyl ether	1231	3032	
	C ₆ H ₁₄ O ₂	1,1-Diethoxyethane	1131	2258	

C₄H₈O₂		C₄H₉Cl			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₄H₈O₂		Ethyl ethanoate (cont.)			
	C ₇ H ₈	Toluene	1131	0898	
	C ₇ H ₁₄	Methylcyclohexane	1111	0180	
	C ₇ H ₁₄	Methylcyclohexane	1121	0186	
	C ₇ H ₁₆	Heptane	1131	0648	2-184
	C ₈ H ₁₀	Ethylbenzene	1131	0899	2-191
	C ₈ H ₁₆	Oct-1-ene	1131	1314	
C₄H₈O₂		Methyl propanoate			
	C ₄ H ₁₀ O	Butan-1-ol	1131	1918	
	C ₄ H ₁₀ O	Butan-1-ol	1211	0110	
	C ₄ H ₁₀ O	Butan-1-ol	1221	0119	
	C ₄ H ₁₀ O	Butan-1-ol	1231	2030	
	C ₄ H ₁₀ O	Butan-2-ol	1211	0111	
	C ₄ H ₁₀ O	Butan-2-ol	1221	0120	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1211	0112	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1221	0121	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1231	2038	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	2715	
	C ₇ H ₁₆	Heptane	1231	2350	
C₄H₈O₂		2-Methylpropanoic acid			
	C ₅ H ₁₀ O ₂	Pentanoic acid	1131	2231	
	C ₅ H ₁₀ O ₂	Pentanoic acid	1231	2232	
C₄H₈O₂		Propyl methanoate			
	C ₄ H ₁₀ O	Butan-1-ol	1231	2866	
	C ₄ H ₁₀ O	Butan-1-ol	1231	2860	
	C ₆ H ₆	Benzene	1111	2650	2-191
	C ₇ H ₁₆	Heptane	1231	2862	
	C ₈ H ₁₈	Octane	1231	2863	
	C ₉ H ₂₀	Nonane	1231	2864	
C₄H₈O₂S		Thiolane 1,1-dioxide			
	C ₆ H ₆	Benzene	1111	0018	2-304
	C ₆ H ₆	Benzene	1311	0165	
	C ₆ H ₁₀	Hex-1-yne	1311	0166	2-304
	C ₇ H ₈	Toluene	1111	0019	
	C ₇ H ₈	Toluene	1111	1213	
	C ₇ H ₁₂	Hept-1-yne	1131	1981	
	C ₉ H ₁₂	Isopropylbenzene	1311	0164	
C₄H₉Br		1-Bromobutane			
	C ₄ H ₉ Cl	1-Chlorobutane	1131	2778	2-104
	C ₄ H ₁₀ O	Butan-1-ol	1111	0299	2-234
	C ₄ H ₁₀ O	Butan-2-ol	1111	2330	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1111	2297	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	0298	
	C ₆ H ₆	Benzene	1131	1451	
	C ₆ H ₁₄ O	Hexan-1-ol	1111	2135	
	C ₇ H ₈	Toluene	1131	1452	
	C ₇ H ₁₄	Hept-1-ene	1121	1666	
	C ₇ H ₁₆	Heptane	1131	2779	2-99
	C ₈ H ₁₀	Ethylbenzene	1131	0838	2-102
	C ₈ H ₁₈ O	Octan-1-ol	1111	2619	
	C ₁₀ H ₂₂ O	Decan-1-ol	1111	2618	
C₄H₉Cl		1-Chlorobutane			
	C ₄ H ₉ Cl	2-Chlorobutane	1131	1050	
	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	1131	1051	2-90
	C ₄ H ₁₀ O	Butan-1-ol	1231	2026	
	C ₄ H ₁₀ O	Butan-2-ol	1231	2025	
	C ₄ H ₁₀ O	Diethyl ether	1121	0970	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1231	2027	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	2028	
	C ₄ H ₁₀ O ₂	2,5-Dioxahexane	1121	0973	
	C ₅ H ₁₀ O	Oxane	1231	2361	
	C ₅ H ₁₁ F	1-Fluoropentane	1111	0160	
	C ₅ H ₁₂	Pentane	1111	0069	2-69
	C ₅ H ₁₂ O	Butyl methyl ether	1121	0972	
	C ₅ H ₁₂ O ₂	3,5-Dioxahexane	1121	0974	
	C ₆ H ₅ Cl	Chlorobenzene	1111	0022	2-91
	C ₆ H ₆	Benzene	1111	0576	

C₄H₉Cl**C₄H₉NO**

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₄H₉Cl		1-Chlorobutane (cont.)			
	C ₆ H ₆	Benzene	1111	1771	
	C ₆ H ₆	Benzene	1111	0070	2-78
	C ₆ H ₇ N	Aniline	1111	0025	2-331
	C ₆ H ₈	Cyclohexa-1,4-diene	1111	1774	
	C ₆ H ₁₀	Cyclohexene	1111	1773	
	C ₆ H ₁₂	Cyclohexane	1111	1772	2-74
	C ₆ H ₁₂	Cyclohexane	1111	1500	
	C ₆ H ₁₂	Cyclohexane	1231	2838	
	C ₆ H ₁₄	Hexane	1131	2971	2-69
	C ₆ H ₁₄	Hexane	1231	0977	
	C ₆ H ₁₄ O	Diisopropyl ether	1231	0976	
	C ₆ H ₁₄ O	Dipropyl ether	1121	0971	
	C ₆ H ₁₄ O	Hexan-1-ol	1111	2666	
	C ₇ H ₈	Toluene	1111	0071	2-80
	C ₇ H ₈	Toluene	1131	1046	2-80
	C ₇ H ₈	Toluene	1231	2837	
	C ₇ H ₁₄	Methylcyclohexane	1131	1053	
	C ₇ H ₁₆	Heptane	1111	1381	
	C ₇ H ₁₆	Heptane	1111	3126	
	C ₇ H ₁₆	Heptane	1131	1047	
	C ₇ H ₁₆	Heptane	1131	2970	2-70
	C ₇ H ₁₆	Heptane	1231	2839	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1111	1195	2-77
	C ₈ H ₁₆	2,4,4-Trimethylpent-2-ene	1111	1194	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	1193	2-73
C₄H₉Cl		2-Chlorobutane			
	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	1131	1052	
	C ₄ H ₁₀ O	Butan-1-ol	1231	1116	
	C ₄ H ₁₀ O	Butan-2-ol	1231	1117	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1231	1118	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1231	1119	
	C ₅ H ₁₀ O	Oxane	1231	2362	
	C ₆ H ₁₂	Cyclohexane	1231	2840	2-74
	C ₇ H ₈	Toluene	1131	1049	
	C ₇ H ₈	Toluene	1231	2842	
	C ₇ H ₁₄	Methylcyclohexane	1131	1054	2-75
	C ₇ H ₁₆	Heptane	1131	1048	2-70
	C ₇ H ₁₆	Heptane	1231	2841	
C₄H₉Cl		1-Chloro-2-methylpropane			
	C ₅ H ₁₀ O	Oxane	1231	2363	
C₄H₉Cl		2-Chloro-2-methylpropane			
	C ₅ H ₁₀ O	Oxane	1231	2364	
	C ₇ H ₈	Toluene	1131	1055	
	C ₇ H ₁₄	Methylcyclohexane	1131	1056	
	C ₇ H ₁₆	Heptane	1131	1057	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1111	1762	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	1761	
C₄H₉N		Pyrrolidine			
	C ₆ H ₁₂	Cyclohexane	1111	0695	
	C ₆ H ₁₂	Cyclohexane	1131	0700	
C₄H₉NO		Butan-2-one oxime			
	C ₅ H ₅ N	Pyridine	1111	1594	
	C ₆ H ₁₂	Cyclohexane	1111	1595	
C₄H₉NO		N,N-Dimethylethanamide			
	C ₇ H ₁₆	Heptane	1111	1596	
C₄H₉NO		N-Ethylethanamide			
	C ₈ H ₁₀	Ethylbenzene	1211	3218	
C₄H₉NO		N-Methylpropanamide			
	C ₁₀ H ₂₂	Decane	1111	2168	
C₄H₉NO		Morpholine			
	C ₈ H ₁₈	Octane	1111	2169	
	C ₄ H ₁₀ O	Butan-1-ol	1131	0224	2-361
	C ₆ H ₁₂	Cyclohexane	1211	2684	
	C ₇ H ₈	Toluene	1231	0692	2-347
	C ₇ H ₈ O ₂	2-Methoxyphenol	1111	2676	

C₄H₉NO		C₄H₁₀O			
Formula		Name	EVLM	LB	Page
Comp. 1	Comp. 2				
C₄H₉NO		Morpholine (cont.)			
	C ₇ H ₁₆	Heptane	1311	2548	2-346
	C ₈ H ₁₀ O ₂	1,2-Dimethoxybenzene	1111	2675	
	C ₈ H ₁₆	Cyclooctane	1131	0226	2-347
	C ₈ H ₁₈	Octane	1131	0225	2-346
C₄H₉NO₂		1-Nitrobutane			
	C ₆ H ₁₂	Cyclohexane	1121	2215	
	C ₇ H ₁₆	Heptane	1121	2216	2-358
C₄H₁₀		Butane			
	C ₄ H ₁₀	2-Methylpropane	1232	3228	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1111	0196	2-115
	C ₆ H ₁₄ O	Diisopropyl ether	1111	1078	
C₄H₁₀		2-Methylpropane			
	C ₄ H ₁₀ O	Butan-2-ol	1111	2370	
	C ₄ H ₁₀ O	Diethyl ether	1111	1734	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	2371	
C₄H₁₀²HN		Diethyl(2H)amine			
	C ₆ H ₁₄	Hexane	1111	1104	
C₄H₁₀O		Butan-1-ol			
	C ₄ H ₁₀ O	Butan-2-ol	1131	1585	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1111	1810	
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1131	1584	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	1821	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1131	1586	2-259
	C ₄ H ₁₀ O ₂	2,5-Dioxahexane	1231	0525	2-245
	C ₅ H ₄ O ₂	2-Furaldehyde	1131	0562	2-266
	C ₅ H ₅ N	Pyridine	1111	2891	
	C ₅ H ₅ N	Pyridine	1111	3057	2-335
	C ₅ H ₅ N	Pyridine	1111	3028	
	C ₅ H ₁₀ O	Pentan-3-one	1231	3110	
	C ₅ H ₁₀ O ₂	Methyl butanoate	1131	1919	
	C ₅ H ₁₀ O ₂	Methyl butanoate	1211	0113	
	C ₅ H ₁₀ O ₂	Methyl butanoate	1221	0122	
	C ₅ H ₁₀ O ₃	Diethyl carbonate	1231	1830	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1121	0989	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	1682	
	C ₆ H ₅ Br	Bromobenzene	1231	2456	
	C ₆ H ₅ Cl	Chlorobenzene	1231	1911	
	C ₆ H ₅ Cl	Chlorobenzene	1231	2797	
	C ₆ H ₅ Cl	Chlorobenzene	1231	2796	
	C ₆ H ₅ Cl	Chlorobenzene	1231	2454	
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	3097	
	C ₆ H ₆	Benzene	1111	2492	
	C ₆ H ₆	Benzene	1111	0435	
	C ₆ H ₆	Benzene	1111	3206	
	C ₆ H ₆	Benzene	1131	1002	
	C ₆ H ₆	Benzene	1231	1706	
	C ₆ H ₆	Benzene	1231	0327	2-158
	C ₆ H ₇ N	2-Methylpyridine	1111	3058	
	C ₆ H ₇ N	3-Methylpyridine	1111	3047	
	C ₆ H ₇ N	4-Methylpyridine	1111	3048	
	C ₆ H ₁₀	Hex-1-yne	1311	2533	
	C ₆ H ₁₀	Hex-2-yne	1311	2528	
	C ₆ H ₁₀	Hex-3-yne	1311	2507	
	C ₆ H ₁₁ Br	Bromocyclohexane	1231	2455	
	C ₆ H ₁₁ Cl	Chlorocyclohexane	1231	2457	
	C ₆ H ₁₂	Cyclohexane	1111	2834	
	C ₆ H ₁₂	Cyclohexane	1131	2851	2-153
	C ₆ H ₁₂ O	4-Methylpentan-2-one	1231	3111	
	C ₆ H ₁₂ O ₂	Butyl ethanoate	1311	0149	2-281
	C ₆ H ₁₄	Hexane	1111	0470	
	C ₆ H ₁₄	Hexane	1111	0475	
	C ₆ H ₁₄	Hexane	1131	0615	
	C ₆ H ₁₄	2-Methylpentane	1111	2771	2-152
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1121	3275	
	C ₆ H ₁₄ O	Diisopropyl ether	1111	3207	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1121	3262	

C₄H₁₀O**C₄H₁₀O**

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C ₄ H ₁₀ O		Butan-1-ol (cont.)			
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1231	3140	
	C ₆ H ₁₅ N	Triethylamine	1111	1626	
	C ₆ H ₁₅ N	Triethylamine	1111	0917	2-334
	C ₇ H ₈	Toluene	1111	0436	2-158
	C ₇ H ₈	Toluene	1111	2494	
	C ₇ H ₈	Toluene	1231	1707	
	C ₇ H ₈ O	2-Methylphenol	1211	2925	
	C ₇ H ₈ O	4-Methylphenol	1211	2934	
	C ₇ H ₉ N	2,6-Dimethylpyridine	1111	3049	
	C ₇ H ₁₄	Methylcyclohexane	1131	1322	
	C ₇ H ₁₄	Methylcyclohexane	1231	2093	
	C ₇ H ₁₄ O ₂	Propyl butanoate	1231	1122	
	C ₇ H ₁₆	Heptane	1111	3176	
	C ₇ H ₁₆	Heptane	1131	0620	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1211	2509	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1111	2495	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1221	2512	
	C ₈ H ₁₀	1,3-Dimethylbenzene	1111	2493	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	0437	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	2496	
	C ₈ H ₁₀	Ethylbenzene	1211	3198	
	C ₈ H ₁₄	Oct-1-yne	1211	1650	2-155
	C ₈ H ₁₄	Oct-2-yne	1211	2746	
	C ₈ H ₁₆	Oct-1-ene	1121	1654	
	C ₈ H ₁₆	Oct-1-ene	1211	1714	
	C ₈ H ₁₆	cis-Oct-4-ene	1211	1715	
	C ₈ H ₁₆	trans-Oct-4-ene	1211	1716	
	C ₈ H ₁₆ O ₃	Butyl (S)-(-)-2-hydroxy-2-methylpropanoate	1231	2062	
	C ₈ H ₁₈	Octane	1111	1597	
	C ₈ H ₁₈	Octane	1111	3023	
	C ₈ H ₁₈	Octane	1131	0748	2-151
	C ₈ H ₁₈	Octane	1231	0751	
	C ₉ H ₁₆	1-Butylcyclopentene	1211	2765	
	C ₉ H ₁₆	Non-1-yne	1211	1651	
	C ₉ H ₂₀	Nonane	1111	0476	
	C ₉ H ₂₀	Nonane	1111	2599	
	C ₁₀ H ₁₆	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer> ...	1211	2139	
	C ₁₀ H ₁₈	2,6,6-Trimethylbicyclo[3.1.1]heptane	1111	1068	
	C ₁₀ H ₁₈	2,6,6-Trimethylbicyclo[3.1.1]heptane	1211	1069	
	C ₁₀ H ₂₂	Decane	1111	1598	
	C ₁₁ H ₂₄	Undecane	1111	0567	
	C ₁₁ H ₂₄	Undecane	1121	0572	
C ₄ H ₁₀ O		Butan-2-ol			
	C ₄ H ₁₀ O	2-Methylpropan-1-ol	1131	1587	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1131	1588	
	C ₄ H ₁₁ N	Butylamine	1231	0302	2-339
	C ₅ H ₅ N	Pyridine	1111	1200	
	C ₅ H ₁₀ O ₂	Ethyl propanoate	1231	3133	
	C ₅ H ₁₀ O ₂	Methyl butanoate	1211	0114	2-283
	C ₅ H ₁₀ O ₂	Methyl butanoate	1221	0123	2-283
	C ₅ H ₁₂	Pentane	1111	1923	
	C ₆ H ₅ Cl	Chlorobenzene	1231	2798	2-225
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	3098	
	C ₆ H ₆	Benzene	1111	3303	
	C ₆ H ₆	Benzene	1131	1891	2-165
	C ₆ H ₇ N	2-Methylpyridine	1111	1201	
	C ₆ H ₇ N	3-Methylpyridine	1111	1202	
	C ₆ H ₁₂	Cyclohexane	1111	2835	2-163
	C ₆ H ₁₂	2,3-Dimethylbut-2-ene	1231	2625	
	C ₆ H ₁₂	Hex-1-ene	1131	0339	
	C ₆ H ₁₂ O ₂	Ethyl butanoate	1231	3134	
	C ₆ H ₁₄	Hexane	1131	0340	
	C ₆ H ₁₄	Hexane	1231	0303	
	C ₆ H ₁₄	2-Methylpentane	1131	0301	
	C ₆ H ₁₄	3-Methylpentane	1131	2671	
	C ₆ H ₁₅ N	Triethylamine	1111	0918	

C ₄ H ₁₀ O		C ₄ H ₁₀ O			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C ₄ H ₁₀ O		Butan-2-ol (cont.)			
	C ₇ H ₈	Toluene	1111	3304	
	C ₇ H ₈ O	2-Methylphenol	1211	2926	
	C ₇ H ₈ O	4-Methylphenol	1211	2935	
	C ₇ H ₉ N	2,6-Dimethylpyridine	1111	1203	
	C ₇ H ₁₄	Methylcyclohexane	1131	1323	
	C ₇ H ₁₄	Methylcyclohexane	1231	2094	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1111	3306	
	C ₈ H ₁₀	1,3-Dimethylbenzene	1111	3305	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	3307	
	C ₈ H ₁₀	Ethylbenzene	1211	3199	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1131	2669	
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1231	2621	
	C ₈ H ₁₈	Octane	1131	0749	
	C ₈ H ₁₈	Octane	1231	0752	
	C ₈ H ₁₈ O	Dibutyl ether	1231	0929	2-255
		Diethyl ether			
C ₄ H ₁₀ O	C ₆ H ₁₂	Cyclohexane	1111	1162	
	C ₆ H ₁₂	Cyclohexane	1121	3149	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1111	1726	2-238
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1131	1730	
C ₄ H ₁₀ O		2-Methylpropan-1-ol			
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1111	1822	
	C ₄ H ₁₀ O	2-Methylpropan-2-ol	1131	1589	
	C ₅ H ₅ N	Pyridine	1111	1204	
	C ₅ H ₁₀ O ₂	Methyl butanoate	1211	0115	
	C ₅ H ₁₀ O ₂	Methyl butanoate	1221	0124	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	1811	
	C ₆ H ₅ Br	Bromobenzene	1231	3258	
	C ₆ H ₅ Cl	Chlorobenzene	1231	3255	2-223
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	3099	
	C ₆ H ₆	Benzene	1111	2107	
	C ₆ H ₆	Benzene	1131	1892	
	C ₆ H ₇ N	2-Methylpyridine	1111	1205	
	C ₆ H ₇ N	3-Methylpyridine	1111	1206	
	C ₆ H ₁₁ Br	Bromocyclohexane	1231	3257	
	C ₆ H ₁₁ Cl	Chlorocyclohexane	1231	3256	2-223
	C ₆ H ₁₂	Cyclohexane	1211	2660	
	C ₆ H ₁₂ O ₂	2-Methylpropyl ethanoate	1231	2289	
	C ₆ H ₁₄	Hexane	1131	0616	
	C ₆ H ₁₄ O	Diisopropyl ether	1111	2106	
	C ₇ H ₈	Toluene	1111	1801	
	C ₇ H ₈ O	2-Methylphenol	1211	2927	
	C ₇ H ₈ O	4-Methylphenol	1211	2936	
	C ₇ H ₉ N	2,6-Dimethylpyridine	1111	1207	
	C ₇ H ₁₄	Methylcyclohexane	1131	1324	
	C ₇ H ₁₄ O ₂	Butyl propanoate	1231	2174	
	C ₇ H ₁₆	Heptane	1111	0477	
	C ₇ H ₁₆	Heptane	1111	3177	
	C ₇ H ₁₆	Heptane	1131	0621	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	1802	
	C ₈ H ₁₀	Ethylbenzene	1111	1803	
	C ₈ H ₁₀	Ethylbenzene	1211	3200	
	C ₈ H ₁₆	Oct-1-ene	1121	1655	
C ₄ H ₁₀ O		2-Methylpropan-2-ol			
	C ₅ H ₅ N	Pyridine	1111	1208	
	C ₅ H ₁₀	2-Methylbut-2-ene	1111	1089	
	C ₅ H ₁₀ O	Pentan-3-one	1231	3112	
	C ₅ H ₁₀ O ₂	Butyl methanoate	1231	2264	
	C ₅ H ₁₀ O ₂	Ethyl propanoate	1231	3103	
	C ₅ H ₁₀ O ₂	Methyl butanoate	1231	2716	
	C ₅ H ₁₂	2-Methylbutane	1111	1086	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1131	1732	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1131	0892	2-257
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1231	1743	
	C ₅ H ₁₂ O	Pentan-1-ol	1111	1823	
	C ₆ H ₅ NO ₂	Nitrobenzene	1211	3100	

C₄H₁₀O**C₄H₁₀O₂**

Formula		Name	EVLM	LB	Page
Comp. 1	Comp. 2				
C₄H₁₀O		2-Methylpropan-2-ol (cont.)			
	C ₆ H ₆	Benzene	1111	0256	
	C ₆ H ₆	Benzene	1111	1838	
	C ₆ H ₆	Benzene	1131	1893	
	C ₆ H ₇ N	2-Methylpyridine	1111	1209	
	C ₆ H ₇ N	3-Methylpyridine	1111	1210	
	C ₆ H ₁₀ O	Cyclohexanone	1131	1723	
	C ₆ H ₁₂	Cyclohexane	1111	2836	2-168
	C ₆ H ₁₂	Cyclohexane	1131	1916	
	C ₆ H ₁₂	Cyclohexane	1231	1897	
	C ₆ H ₁₂ O	4-Methylpentan-2-one	1231	3113	2-272
	C ₆ H ₁₂ O ₂	Butyl ethanoate	1231	2265	
	C ₆ H ₁₂ O ₂	tert-Butyl ethanoate	1231	2290	
	C ₆ H ₁₂ O ₂	Ethyl butanoate	1231	3104	
	C ₆ H ₁₄	Hexane	1111	1798	
	C ₆ H ₁₄	2-Methylpentane	1131	0300	
	C ₆ H ₁₄	2-Methylpentane	1231	1745	2-167
	C ₆ H ₁₄	3-Methylpentane	1131	2670	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1111	1735	2-257
	C ₆ H ₁₅ N	Triethylamine	1111	0919	
	C ₇ H ₈	Toluene	1111	1804	
	C ₇ H ₈	Toluene	1111	0257	
	C ₇ H ₈	Toluene	1231	0397	2-170
	C ₇ H ₈ O	2-Methylphenol	1211	2928	
	C ₇ H ₈ O	4-Methylphenol	1211	2929	2-262
	C ₇ H ₈ O ₂	2-Methoxyphenol	1111	2673	2-262
	C ₇ H ₉ N	2,6-Dimethylpyridine	1111	1211	
	C ₇ H ₁₄	Methylcyclohexane	1131	1325	
	C ₇ H ₁₄	Methylcyclohexane	1231	0399	2-168
	C ₇ H ₁₄ O ₂	Butyl propanoate	1231	2266	2-284
	C ₇ H ₁₆	2,4-Dimethylpentane	1231	1898	
	C ₇ H ₁₆	Heptane	1111	1799	
	C ₇ H ₁₆	Heptane	1111	3178	
	C ₇ H ₁₆	Heptane	1121	2752	
	C ₇ H ₁₆ O ₂	2,2-Dimethyl-3-oxahexan-5-ol	1131	0895	2-265
	C ₈ H ₁₀	1,2-Dimethylbenzene	1111	0259	
	C ₈ H ₁₀	1,3-Dimethylbenzene	1111	0260	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	0258	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	1806	2-170
	C ₈ H ₁₀	Ethylbenzene	1111	1805	
	C ₈ H ₁₀	Ethylbenzene	1211	3201	
	C ₈ H ₁₀ O ₂	1,2-Dimethoxybenzene	1111	2674	2-258
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1131	2668	2-169
	C ₈ H ₁₆	2,4,4-Trimethylpent-1-ene	1231	2620	
	C ₈ H ₁₆ O ₂	Butyl butanoate	1231	2267	
	C ₈ H ₁₈	Octane	1111	1800	
	C ₈ H ₁₈	Octane	1121	2753	
	C ₈ H ₁₈	Octane	1131	0750	
	C ₈ H ₁₈	Octane	1231	0753	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	0893	2-167
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1231	0398	
	C ₁₀ H ₂₂	Decane	1121	2754	
C₄H₁₀O₂		2,5-Dioxahexane			
	C ₆ H ₆	Benzene	1111	1262	2-130
	C ₆ H ₁₂	Cyclohexane	1121	3150	2-128
	C ₆ H ₁₂	Cyclohexane	1211	2679	
	C ₇ H ₅ F ₃	(Trifluoromethyl)benzene	1111	0515	
	C ₇ H ₈	Toluene	1111	0516	2-130
	C ₇ H ₁₄	Methylcyclohexane	1111	0517	2-129
	C ₇ H ₁₆	Heptane	1131	1254	2-128
C₄H₁₀O₂		2-Ethoxyethanol			
	C ₅ H ₁₀ O ₂	Ethyl propanoate	1111	1835	2-285
	C ₅ H ₁₀ O ₂	Propyl ethanoate	1111	1834	
	C ₆ H ₁₂	Cyclohexane	1111	1740	
	C ₆ H ₁₄	Hexane	1111	1738	
	C ₇ H ₈	Toluene	1131	1040	
	C ₇ H ₁₆	Heptane	1111	1739	

C₄H₁₀O₂		a - Two-phase fluid-fluid		C₅H₆N₂	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₄H₁₀O₂		2-Ethoxyethanol (cont.)			
	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	3300	
C₄H₁₀O₂	C ₆ H ₁₄ O	(+,-)-1-Methoxypropan-2-ol			
		Diisopropyl ether	1131	0887	2-264
C₄H₁₀O₃		3-Oxapentane-1,5-diol			
	C ₆ H ₆	Benzene	1111a	1033	
C₄H₁₀S		3-Thiapentane			
	C ₆ H ₁₂	Cyclohexane	1121	2222	
	C ₇ H ₁₆	Heptane	1121	2221	
C₄H₁₀S₂		3,4-Dithiahexane			
	C ₆ H ₁₂	Cyclohexane	1121	2228	2-298
	C ₇ H ₁₆	Heptane	1121	2227	
C₄H₁₁N		Butylamine			
	C ₅ H ₁₁ N	Piperidine	1112	0669	
	C ₆ H ₆	Benzene	1111	1286	
	C ₆ H ₁₄	Hexane	1111	0915	2-316
	C ₇ H ₈	Toluene	1111	1287	
C₄H₁₁N		tert-Butylamine			
	C ₆ H ₁₄	Hexane	1111	0916	
C₄H₁₁N		Diethylamine			
	C ₆ H ₁₄	Hexane	1111	1102	2-311
	C ₆ H ₁₅ N	Diisopropylamine	1231	1236	
	C ₆ H ₁₅ N	Dipropylamine	1231	1237	
C₄H₁₁N		N,N-Dimethylethylamine			
	C ₆ H ₁₂	Cyclohexane	1121	1623	
C₄H₁₂O₄Si		Tetramethoxysilane			
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	0265	
	C ₉ H ₂₀	Nonane	1111	0267	2-377
C₄H₁₂Si		Tetramethylsilane			
	C ₄ H ₁₂ Sn	Tetramethylstannane	1141	1100	
	C ₅ H ₁₂	2,2-Dimethylpropane	1141	1098	
C₄H₁₂Sn		Tetramethylstannane			
	C ₅ H ₁₂	2,2-Dimethylpropane	1141	1099	
C₄H₁₃N₃		Bis(2-aminoethyl)amine			
	C ₆ H ₁₅ N ₃	1-(2-Aminoethyl)piperazine	1111	1087	
C₅F₁₂		Dodecafluoropentane			
	C ₆ H ₁₄	Hexane	1121	1688	2-49
C₅H₂F₁₀		1,1,1,2,3,4,4,5,5,5-Decafluoropentane <mixture of diastereomers>			
	C ₅ H ₆ O	2-Methylfuran	1231	2704	
C₅H₃N₃		Pyrazinecarbonitrile			
	C ₆ H ₁₀ O	Cyclohexanone	1211	2286	
C₅H₄O₂		2-Furaldehyde			
	C ₆ H ₆ O ₂	5-Methylfuraldehyde	1231	2341	
	C ₆ H ₁₂ O	4-Methylpentan-2-one	1131	0563	2-273
	C ₈ H ₁₈ O	Dibutyl ether	1131	0608	
C₅H₅N		Pyridine			
	C ₅ H ₆ O	2-Methylfuran	1131	1852	
	C ₆ F ₆	Hexafluorobenzene	1131	1425	
	C ₆ H ₅ NO ₂	Nitrobenzene	1111	2892	
	C ₆ H ₆	Benzene	1111	0408	2-308
	C ₆ H ₆	Benzene	1111	1515	
	C ₆ H ₆ O	Phenol	1231	3118	
	C ₆ H ₁₂	Cyclohexane	1111	0526	2-307
	C ₆ H ₁₂	Cyclohexane	1111	3146	
	C ₆ H ₁₄	Hexane	1111	0836	2-307
	C ₇ H ₈	Toluene	1111	0527	
	C ₇ H ₈	Toluene	1111	0409	2-308
	C ₇ H ₁₆	Heptane	1111	1401	
	C ₇ H ₁₆	Heptane	1111	0837	
	C ₈ H ₁₈	Octane	1111	1402	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	0528	
	C ₉ H ₂₀	Nonane	1111	1403	
C₅H₆N₂		2-Methylpyrazine			
	C ₆ H ₁₀ O	Cyclohexanone	1211	2288	
	C ₆ H ₁₂	Cyclohexane	1121	1416	
	C ₆ H ₁₂	Methylcyclopentane	1121	1418	
	C ₇ H ₁₄	Methylcyclohexane	1121	1419	

C₅H₆N₂		a - Two-phase fluid-fluid		C₅H₉NO	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₅H₆N₂		2-Methylpyrazine (cont.)			
	C ₇ H ₁₆	Heptane	1121	1417	
C₅H₆O		2-Methylfuran			
	C ₆ H ₆	Benzene	1131	1853	
	C ₆ H ₁₂	Cyclohexane	1131	1854	2-146
C₅H₈		2-Methylbuta-1,3-diene			
	C ₅ H ₁₀	2-Methylbut-1-ene	1111	0282	
	C ₅ H ₁₀	2-Methylbut-2-ene	1111	0281	
C₅H₈O		Cyclopentanone			
	C ₆ H ₆	Benzene	1121	0624	
	C ₆ H ₁₂	Cyclohexane	1121	0625	
	C ₇ H ₁₆	Heptane	1121	0626	2-182
C₅H₈O₂		Methyl 2-methylpropenoate			
	C ₅ H ₁₀	Cyclopentane	1231	2812	
	C ₆ H ₁₂	Cyclohexane	1131	1518	2-194
	C ₆ H ₁₄	Hexane	1131	0638	
	C ₇ H ₈	Toluene	1231	1973	
C₅H₈O₂		5-Methyloxolan-2-one			
	C ₆ H ₆	Benzene	1111	0141	2-193
C₅H₈O₂		Oxan-2-one			
	C ₆ H ₆	Benzene	1111	0140	
C₅H₉ClO		5-Chloropentan-2-one			
	C ₆ H ₁₄	Hexane	1131	1382	
	C ₇ H ₈	Toluene	1131	1383	2-296
	C ₈ H ₁₀	Ethylbenzene	1131	1384	2-296
C₅H₉N		Pentanenitrile			
	C ₆ H ₁₂	Cyclohexane	1121	3182	
	C ₇ H ₁₆	Heptane	1121	3185	
C₅H₉NO		Butyl isocyanate			
	C ₉ H ₂₀	Nonane	1111	2600	
C₅H₉NO		1-Methylpyrrolidin-2-one			
	C ₅ H ₁₀	Pent-1-ene	1111	3073	2-352
	C ₅ H ₁₀ O	Pentan-3-one	1111	3221	
	C ₅ H ₁₂	2-Methylbutane	1111	3071	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1131	2282	2-366
	C ₆ H ₆	Benzene	1111	3081	
	C ₆ H ₆	Benzene	1111	0278	
	C ₆ H ₆	Benzene	1131	0717	2-353
	C ₆ H ₆	Benzene	1231	2817	
	C ₆ H ₁₀	3-Methylcyclopent-1-ene	1111	3077	
	C ₆ H ₁₂	Cyclohexane	1111	3082	
	C ₆ H ₁₂	Cyclohexane	1111a	0280	2-351
	C ₆ H ₁₂	Cyclohexane	1231	2818	
	C ₆ H ₁₂	Hex-1-ene	1111	3076	2-352
	C ₆ H ₁₂	Methylcyclopentane	1111	2967	
	C ₆ H ₁₂ O	Cyclohexanol	1111	3083	
	C ₆ H ₁₂ O	Hexan-2-one	1111	3222	
	C ₆ H ₁₄	Hexane	1111	3072	2-349
	C ₆ H ₁₄	Hexane	1231	2819	
	C ₆ H ₁₄	Hexane	1111	3084	
	C ₆ H ₁₄	2-Methylpentane	1111	3074	2-350
	C ₆ H ₁₄	3-Methylpentane	1111	3075	
	C ₆ H ₁₄ O	Dipropyl ether	1131	2280	2-366
	C ₆ H ₁₄ O	Hexan-1-ol	1111	3085	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1131	2283	
	C ₇ H ₈	Toluene	1111	3086	
	C ₇ H ₈	Toluene	1131	0718	2-353
	C ₇ H ₈ O	4-Methylphenol	1111	3087	
	C ₇ H ₁₄	Methylcyclohexane	1111	3088	
	C ₇ H ₁₄	Methylcyclohexane	1131	0719	2-351
	C ₇ H ₁₆	Heptane	1111a	1252	2-349
	C ₇ H ₁₆	Heptane	1131	0720	2-350
	C ₇ H ₁₆	Heptane	1231	2820	
	C ₈ H ₁₀ O	2,4-Dimethylphenol	1111	3089	
	C ₈ H ₁₈ O	Dibutyl ether	1131	2281	
	C ₉ H ₁₂	Propylbenzene	1111	3090	
	C ₁₀ H ₁₄	Butylbenzene	1111	3091	

C₅H₉NO		a - Two-phase fluid-fluid		C₅H₁₀O₂	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₅H₉NO		1-Methylpyrrolidin-2-one (cont.)			
	C ₁₁ H ₁₀	1-Methylnaphthalene	1131	2897	
	C ₁₂ H ₂₆	Dodecane	1111	3092	
C₅H₉NO₂		N-Formylmorpholine			
	C ₈ H ₁₀	1,3-Dimethylbenzene	1231	1920	
	C ₉ H ₁₂	1,3,5-Trimethylbenzene	1231	1921	
C₅H₁₀		Cyclopentane			
	C ₅ H ₁₀ O	Oxane	1111	0711	
	C ₅ H ₁₀ O ₂	Isopropyl ethanoate	1231	2813	
	C ₅ H ₁₁ N	Piperidine	1111	0706	
	C ₆ H ₆	Benzene	1111	3224	
	C ₆ H ₆	Benzene	1231	2900	
	C ₆ H ₁₀	Cyclohexene	1231	2034	2-22
	C ₆ H ₁₂	Cyclohexane	1111	0410	
	C ₆ H ₁₄	2,3-Dimethylbutane	1111	0417	
	C ₇ H ₁₄	Cycloheptane	1111	0411	
	C ₈ H ₁₆	Cyclooctane	1111	0419	2-18
	C ₈ H ₂₄ O ₄ Si ₄	Octamethylcyclotetrasiloxane	1111	0349	
C₅H₁₀	C ₅ H ₁₂ O	2-Methylbut-1-ene			
		tert-Butyl methyl ether	1111	1721	
C₅H₁₀		2-Methylbut-2-ene			
	C ₅ H ₁₂ O	2-Methylbutan-2-ol	1131	1731	
C₅H₁₀		Pent-1-ene			
	C ₅ H ₁₂	2-Methylbutane	1111	3078	
	C ₆ H ₅ Cl	Chlorobenzene	1111	0824	2-85
	C ₆ H ₇ N	Aniline	1111a	0830	2-318
C₅H₁₀O		Cyclopentanol			
	C ₇ H ₁₄	Cycloheptane	1121	3008	
	C ₈ H ₁₆	Cyclooctane	1121	3010	
C₅H₁₀O		3-Methylbutan-2-one			
	C ₅ H ₁₂ O	2-Methylbutan-2-ol	1131	2275	2-272
	C ₆ H ₁₄	2-Methylpentane	1131	2273	2-181
C₅H₁₀O		2-Methyloxolane			
	C ₆ H ₅ Cl	Chlorobenzene	1231	0987	
	C ₆ H ₁₂	Cyclohexane	1111	2202	2-135
	C ₇ H ₈	Toluene	1111	2201	2-139
	C ₇ H ₁₄	Methylcyclohexane	1111	2203	2-136
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	2199	
C₅H₁₀O		Oxane			
	C ₅ H ₁₁ N	Piperidine	1112	0510	
	C ₆ F ₆	Hexafluorobenzene	1111	0959	
	C ₆ H ₅ Cl	Chlorobenzene	1231	0986	
	C ₆ H ₁₂	Cyclohexane	1111	0712	2-136
	C ₆ H ₁₂	Hex-1-ene	1311	1641	2-138
	C ₇ H ₁₄	Cycloheptane	1111	0713	
	C ₈ H ₁₆	Cyclooctane	1111	0714	
C₅H₁₀O		Pentanal			
	C ₆ H ₁₂	Hex-1-ene	1121	2761	
	C ₆ H ₁₂ O ₂	Butyl ethanoate	1121	2762	2-286
	C ₇ H ₈	Toluene	1121	2755	
	C ₈ H ₁₆	Oct-1-ene	1121	2763	
	C ₁₀ H ₂₀	Dec-1-ene	1121	2764	
C₅H₁₀O		Pentan-2-one			
	C ₅ H ₁₀ O	Pentan-3-one	1231	2345	
	C ₅ H ₁₀ O ₃	Diethyl carbonate	1231	2355	
	C ₅ H ₁₂ O	Pentan-3-ol	1231	2347	2-271
C₅H₁₀O		Pentan-3-one			
	C ₅ H ₁₂ O	Pentan-3-ol	1231	2346	
	C ₆ H ₁₄ O	Diisopropyl ether	1231	1490	2-268
C₅H₁₀O₂		Ethyl propanoate			
	C ₅ H ₁₂ O	Butyl methyl ether	1111	2514	
	C ₅ H ₁₂ O	Butyl methyl ether	1121	2516	
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1111	2515	2-276
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1121	2517	
C₅H₁₀O₂		Isopropyl ethanoate			
	C ₆ H ₁₄	Hexane	1231	2811	
	C ₆ H ₁₄ O	Diisopropyl ether	1231	3033	

C₅H₁₀O₂		C₅H₁₂O			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₅H₁₀O₂		Methyl butanoate			
	C ₇ H ₁₆	Heptane	1231	2351	
C₅H₁₀O₂		Propyl ethanoate			
	C ₆ H ₆	Benzene	1311	2541	2-192
	C ₆ H ₁₂	Cyclohexane	1111	0181	
	C ₆ H ₁₂	Cyclohexane	1121	0187	
	C ₆ H ₁₄ O	Diisopropyl ether	1231	3034	
	C ₇ H ₁₄	Methylcyclohexane	1111	0182	2-187
	C ₇ H ₁₄	Methylcyclohexane	1121	0188	
	C ₇ H ₁₆	Heptane	1231	2640	
	C ₈ H ₁₈ O	Dibutyl ether	1231	1424	
	C ₉ H ₁₂	Isopropylbenzene	1311	2540	
	C ₉ H ₂₀	Nonane	1231	2645	
C₅H₁₀O₃		Diethyl carbonate			
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1131	2807	
	C ₅ H ₁₂ O	Pentan-1-ol	1231	1831	
	C ₆ H ₆	Benzene	1121	1611	
	C ₆ H ₁₂	Cyclohexane	1121	1612	
	C ₆ H ₁₂	Cyclohexane	1231	2695	
	C ₆ H ₁₄	Hexane	1121	1616	
	C ₆ H ₁₄	Hexane	1231	2696	
	C ₇ H ₁₄	Methylcyclohexane	1231	2081	
	C ₇ H ₁₆	Heptane	1231	2698	
	C ₈ H ₁₈	Octane	1121	1617	
	C ₈ H ₁₈	Octane	1231	2697	2-195
	C ₁₂ H ₂₆	Dodecane	1121	1618	
C₅H₁₁Br		1-Bromo-2,2-dimethylpropane			
	C ₅ H ₁₂	2,2-Dimethylpropane	1111	3242	
C₅H₁₁Br		1-Bromopentane			
	C ₅ H ₁₂	Pentane	1111	3243	2-100
C₅H₁₁Br		3-Bromopentane			
	C ₅ H ₁₂	Pentane	1111	3241	
C₅H₁₁Cl		1-Chloropentane			
	C ₈ H ₁₈ O	Dibutyl ether	1131	1865	
C₅H₁₁N		1-Methylpyrrolidine			
	C ₆ H ₁₂	Cyclohexane	1111	0696	
C₅H₁₁N		Piperidine			
	C ₅ H ₁₂ O	tert-Butyl methyl ether	1112	0668	
	C ₆ H ₁₂	Cyclohexane	1111	0697	
	C ₆ H ₁₂	Cyclohexane	1131	0701	2-313
	C ₆ H ₁₃ N	1-Methylpiperidine	1112	0667	
	C ₇ H ₁₄	Cycloheptane	1111	0707	
	C ₇ H ₁₆	Heptane	1311	2549	
	C ₈ H ₁₆	Cyclooctane	1111	0708	
	C ₁₀ H ₂₂	Decane	1311	2550	2-312
C₅H₁₁NO₂		1-Nitropentane			
	C ₆ H ₁₂	Cyclohexane	1121	2218	
	C ₇ H ₁₆	Heptane	1121	2217	
C₅H₁₂		Pentane			
	C ₆ F ₁₄	Tetradecafluorohexane	1121	1684	
	C ₆ H ₆	Benzene	1131	3038	2-26
	C ₆ H ₁₂	Cyclohexane	1231	2903	
	C ₆ H ₁₂	Methylcyclopentane	1231	2904	
	C ₆ H ₁₄	Hexane	1111	1991	
	C ₆ H ₁₄	Hexane	1131	1134	
	C ₇ H ₁₄	Methylcyclohexane	1231	2905	
	C ₈ H ₁₈	Octane	1131	1135	
	C ₁₀ H ₂₂	Decane	1131	1136	
	C ₁₂ H ₂₆	Dodecane	1231	2706	
C₅H₁₂O		Butyl methyl ether			
	C ₆ H ₆	Benzene	1131	1166	
	C ₆ H ₁₂	Cyclohexane	1121	3151	
	C ₇ H ₁₆	Heptane	1131	1167	2-110
C₅H₁₂O		tert-Butyl methyl ether			
	C ₆ H ₆	Benzene	1111	1390	2-125
	C ₆ H ₆	Benzene	1111	1303	
	C ₆ H ₆	Benzene	1121	3264	

C ₅ H ₁₂ O		C ₅ H ₁₂ O			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C ₅ H ₁₂ O		tert-Butyl methyl ether (cont.)			
	C ₆ H ₆	Benzene	1231	2195	2-125
	C ₆ H ₁₂	Cyclohexane	1111	1391	2-121
	C ₆ H ₁₂	Hex-1-ene	1111	1269	2-123
	C ₆ H ₁₂	Hex-1-ene	1231	2194	
	C ₆ H ₁₄	Hexane	1111	1392	
	C ₆ H ₁₄	Hexane	1111	1304	2-115
	C ₆ H ₁₄	Hexane	1131	1307	
	C ₆ H ₁₄	Hexane	1231	2790	
	C ₆ H ₁₄	2-Methylpentane	1231	2188	
	C ₆ H ₁₄	3-Methylpentane	1231	1747	
	C ₆ H ₁₄ O	Diisopropyl ether	1231	2800	
	C ₆ H ₁₄ O	Hexan-1-ol	1111	2240	2-244
	C ₇ H ₈	Toluene	1111	2431	2-126
	C ₇ H ₈	Toluene	1121	3265	
	C ₇ H ₈	Toluene	1131	1308	
	C ₇ H ₈	Toluene	1131	2246	
	C ₇ H ₈	Toluene	1231	2196	
	C ₇ H ₁₄	Hept-1-ene	1131	1163	2-124
	C ₇ H ₁₄	Methylcyclohexane	1121	3268	2-121
	C ₇ H ₁₆	Heptane	1111	1268	
	C ₇ H ₁₆	Heptane	1121	3269	
	C ₇ H ₁₆	Heptane	1231	2791	
	C ₈ H ₁₈	Octane	1231	3136	2-116
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	2432	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	0894	2-119
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1211	2720	
	C ₁₀ H ₂₂	Decane	1111	0262	2-116
C ₅ H ₁₂ O		2-Methylbutan-1-ol			
	C ₅ H ₁₂ O	2-Methylbutan-2-ol	1131	3114	
	C ₅ H ₁₂ O	Pentan-1-ol	1131	3117	
	C ₆ H ₁₂	Cyclohexane	1211	2661	
	C ₆ H ₁₄	Hexane	1211	0151	2-159
	C ₆ H ₁₄	Hexane	1221	0292	
C ₅ H ₁₂ O		3-Methylbutan-1-ol			
	C ₅ H ₁₂ O	2-Methylbutan-2-ol	1231	1905	
	C ₅ H ₁₂ O	Pentan-1-ol	1231	1906	
	C ₆ H ₁₂	Cyclohexane	1211	2662	
	C ₆ H ₁₄	Hexane	1211	0150	
	C ₆ H ₁₄	Hexane	1221	0288	
	C ₇ H ₁₆	Heptane	1131	2953	2-159
	C ₈ H ₁₀	Ethylbenzene	1231	2856	
C ₅ H ₁₂ O		2-Methylbutan-2-ol			
	C ₅ H ₁₂ O	Pentan-1-ol	1131	3115	2-259
	C ₅ H ₁₂ O	Pentan-1-ol	1231	1907	
	C ₆ H ₁₄	Hexane	1111	0861	
	C ₆ H ₁₄	Hexane	1221	0293	
	C ₆ H ₁₄	Hexane	1211	0152	2-166
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1111	0863	2-258
	C ₇ H ₁₆	Heptane	1131	1534	
C ₅ H ₁₂ O		3-Methylbutan-2-ol			
	C ₅ H ₁₂ O	Pentan-1-ol	1131	3116	
	C ₆ H ₁₄	2-Methylpentane	1131	2274	2-162
C ₅ H ₁₂ O		Pentan-1-ol			
	C ₆ H ₅ Cl	Chlorobenzene	1231	2976	
	C ₆ H ₇ N	Aniline	1111	2850	
	C ₆ H ₁₄	Hexane	1111	0544	
	C ₆ H ₁₄	Hexane	1221	0289	
	C ₆ H ₁₄	Hexane	1211	0154	2-151
	C ₇ H ₁₆	Heptane	1111	3179	
	C ₇ H ₁₆	Heptane	1131	2954	
	C ₈ H ₁₀	Ethylbenzene	1211	3213	
	C ₁₀ H ₁₆	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer>	1211	2140	
C ₅ H ₁₂ O		Pentan-2-ol			
	C ₆ H ₁₄	Hexane	1211	0155	2-161
	C ₆ H ₁₄	Hexane	1221	0290	2-161

C₅H₁₂O		C₆H₅Cl			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₅H₁₂O		Pentan-3-ol			
	C ₆ H ₁₄	Hexane	1211	0153	
	C ₆ H ₁₄	Hexane	1221	0291	
C₅H₁₂O₂	C ₇ H ₁₆	Heptane	1131	1535	
		3,5-Dioxaheptane			
	C ₆ H ₆	Benzene	1131	1168	
C₅H₁₄N₂	C ₆ H ₁₂	Cyclohexane	1121	3152	
	C ₇ H ₁₆	Heptane	1131	1169	
		N,N,N',N'-Tetramethylmethanediamine			
C₆F₆	C ₆ H ₁₂	Cyclohexane	1112	0924	
	C ₇ H ₁₆	Heptane	1112	1421	
C₆F₁₄		Hexafluorobenzene			
	C ₆ H ₆	Benzene	1111	1338	2-52
	C ₆ H ₆	Benzene	1231	0791	2-52
	C ₆ H ₆	Benzene	1321	1101	2-53
	C ₆ H ₁₂	Cyclohexane	1111	0960	2-51
	C ₆ H ₁₂ O	Oxepane	1111	0961	
	C ₆ H ₁₄	Hexane	1231	2489	2-51
	C ₆ H ₁₅ N	Triethylamine	1111	2832	
	C ₇ H ₈	Toluene	1111	1339	2-53
	C ₇ H ₈	Toluene	1231	2490	2-54
	C ₇ H ₁₄	Methylcyclohexane	1231	2491	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	1340	2-54
	C ₈ H ₁₁ N	N,N-Dimethylaniline	1111	0463	
	C ₉ H ₁₈	Isopropylcyclohexane	1111	0464	
	C ₁₄ H ₃₀	Tetradecane	1111	2058	
	C ₁₆ H ₃₄	Hexadecane	1111	2102	
		Tetradecafluorohexane			
C₆F₁₄	C ₆ H ₁₄	Hexane	1131	1164	2-50
	C ₆ H ₁₄	Hexane	1121	1673	
	C ₇ H ₁₆	Heptane	1121	1685	2-50
	C ₈ H ₁₈	Octane	1121	1686	
C₆F₁₄		Tetradecafluoro(2-methylpentane)			
C₆H₃Cl₃	C ₈ F ₁₈	Octadecafluorooctane	1231	2649	
C₆H₄Cl₂	C ₆ H ₁₄	1,2,4-Trichlorobenzene			
C₆H₅Br		Hexane	1111	1582	2-86
	C ₆ H ₁₂ O	1,2-Dichlorobenzene			
C₆H₅Cl		4-Methylpentan-2-one	1211	2955	
		Bromobenzene			
	C ₆ H ₅ Cl	Chlorobenzene	1231	1247	
	C ₆ H ₅ F	Fluorobenzene	1231	1248	
	C ₆ H ₆	Benzene	1131	1565	
	C ₆ H ₁₂	Cyclohexane	1111	1580	
	C ₆ H ₁₂ O	Cyclohexanol	1131	2912	
	C ₆ H ₁₂ O	4-Methylpentan-2-one	1211	2956	
	C ₇ H ₁₆	Heptane	1231	2111	
		Chlorobenzene			
C₆H₅Cl	C ₆ H ₅ F	Fluorobenzene	1231	1249	
	C ₆ H ₆	Benzene	1111	1111	
	C ₆ H ₆	Benzene	1111	0023	2-85
	C ₆ H ₆	Benzene	1131	0239	
	C ₆ H ₆	Benzene	1231	2656	
	C ₆ H ₇ N	Aniline	1111	0831	2-331
	C ₆ H ₇ N	2-Methylpyridine	1111	2096	
	C ₆ H ₁₁ Cl	Chlorocyclohexane	1131	2913	
	C ₆ H ₁₂	Cyclohexane	1231	2657	
	C ₆ H ₁₂ O	Cyclohexanol	1131	2914	
	C ₆ H ₁₂ O	2,5-Dimethyloxolane	1231	0988	
	C ₆ H ₁₂ O	4-Methylpentan-2-one	1211	2957	
	C ₆ H ₁₃ N	Cyclohexylamine	1131	2915	
	C ₆ H ₁₄	Hexane	1131	1131	2-83
	C ₇ H ₅ F ₃	(Trifluoromethyl)benzene	1231	2053	
	C ₇ H ₈	Toluene	1131	2100	
	C ₇ H ₈	Toluene	1211	2343	
	C ₇ H ₈	Toluene	1232	3229	
	C ₇ H ₁₄	Methylcyclohexane	1131	1571	
	C ₇ H ₁₆	Heptane	1231	2112	

C₆H₅Cl		a - Two-phase fluid-fluid		C₆H₆	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₆H₅Cl		Chlorobenzene (cont.)			
	C ₇ H ₁₆	Heptane	1131	2241	2-83
	C ₈ H ₁₀	Ethylbenzene	1111	0825	
	C ₈ H ₁₀	Ethylbenzene	1211	2344	2-86
	C ₈ H ₁₀	Ethylbenzene	1232	3230	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	1951	2-84
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1211	3208	
C₆H₅F	C ₁₀ H ₂₂	Decane	1131	2855	2-84
		Fluorobenzene			
	C ₆ H ₆	Benzene	1131	0240	
C₆H₅F₉	C ₇ H ₁₄	Methylcyclohexane	1131	1572	2-59
	C ₇ H ₁₆	Heptane	1231	2113	2-59
		1,1,1,2,2,3,3,4,4-Nonafluorohexane			
C₆H₅NO₂	C ₈ H ₁₈	Octane	1231	2646	2-58
C₆H₆		Nitrobenzene			
	C ₆ H ₁₂	Cyclohexane	1131	1132	
	C ₆ H ₁₄	Hexane	1111	1578	2-359
	C ₇ H ₈	Toluene	1131	2977	
	C ₈ H ₁₀	Ethylbenzene	1131	2978	
	C ₉ H ₁₂	Isopropylbenzene	1131	0283	
	C ₉ H ₁₂	Propylbenzene	1131	2979	
	C ₁₀ H ₁₄	Butylbenzene	1131	2980	2-359
	C ₁₀ H ₁₄	(2-Methylpropyl)benzene	1131	0284	
		Benzene			
C₆H₆	C ₆ H ₆ O	Phenol	1111	2184	
	C ₆ H ₆ O	Phenol	1131	1309	2-172
	C ₆ H ₇ N	Aniline	1131	3281	2-319
	C ₆ H ₇ N	2-Methylpyridine	1111	1404	
	C ₆ H ₇ N	2-Methylpyridine	1111	2095	2-309
	C ₆ H ₇ N	3-Methylpyridine	1111	1411	
	C ₆ H ₇ N	4-Methylpyridine	1111	1410	
	C ₆ H ₁₀	Cyclohexene	1131	3069	2-34
	C ₆ H ₁₀ O	Cyclohexanone	1121	0627	
	C ₆ H ₁₀ O ₂	Oxepan-2-one	1111	0139	
	C ₆ H ₁₂	Cyclohexane	1111	0279	
	C ₆ H ₁₂	Cyclohexane	1111	1285	
	C ₆ H ₁₂	Cyclohexane	1111	0038	2-31
	C ₆ H ₁₂	Hex-1-ene	1111	1296	
	C ₆ H ₁₂	Hex-1-ene	1111	2191	2-33
	C ₆ H ₁₂	Hex-1-ene	1231	2663	
	C ₆ H ₁₂	Methylcyclopentane	1111	1282	
	C ₆ H ₁₂	Methylcyclopentane	1231	2901	2-31
	C ₆ H ₁₂	2-Methylpent-1-ene	1111	1697	
	C ₆ H ₁₂	4-Methylpent-1-ene	1111	1698	
	C ₆ H ₁₄	2,2-Dimethylbutane	1111	0270	2-29
	C ₆ H ₁₄	2,3-Dimethylbutane	1111	0271	
	C ₆ H ₁₄	Hexane	1111	1112	
	C ₆ H ₁₄	Hexane	1111	1005	
	C ₆ H ₁₄	Hexane	1111	1785	
	C ₆ H ₁₄	Hexane	1111	0013	2-26
	C ₆ H ₁₄	2-Methylpentane	1111	0269	
	C ₆ H ₁₄ O	Diisopropyl ether	1111	1266	
	C ₆ H ₁₄ O	Diisopropyl ether	1131	1256	2-126
	C ₆ H ₁₄ O	Diisopropyl ether	1131	1170	
	C ₆ H ₁₄ O	Dipropyl ether	1111	1263	
	C ₆ H ₁₄ O	Dipropyl ether	1131	1257	2-113
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1111	1397	
	C ₆ H ₁₄ O ₄	3,6-Dioxaoctane-1,8-diol	1231	2898	
	C ₆ H ₁₅ N	Triethylamine	1131	0904	2-305
	C ₆ H ₁₅ N	Triethylamine	1211	0908	2-306
	C ₆ H ₁₈ N ₃ OP	Phosphoric tris(dimethylamide)	1111	0808	2-375
	C ₇ H ₅ F ₃	(Trifluoromethyl)benzene	1231	2051	
	C ₇ H ₆ O	Benzaldehyde	1111	2185	
	C ₇ H ₇ Cl	2-Chlorotoluene	1111	1871	
	C ₇ H ₉ F ₆ N ₃ O ₄ S ₂	1-Methyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111a	2394	
	C ₇ H ₁₄	Hept-1-ene	1111	1605	
	C ₇ H ₁₄	Methylcyclohexane	1111	1215	

C₆H₆

a - Two-phase fluid-fluid

C₆H₇N

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₆H₆		Benzene (cont.)			
	C ₇ H ₁₄	Methylcyclohexane	1131	1569	2-32
	C ₇ H ₁₄	Methylcyclohexane	1231	2902	2-32
	C ₇ H ₁₆	Heptane	1111	1113	
	C ₇ H ₁₆	Heptane	1111	1006	
	C ₇ H ₁₆	Heptane	1111	0039	
	C ₇ H ₁₆	Heptane	1111	1030	
	C ₇ H ₁₆	Heptane	1131	0731	2-27
	C ₇ H ₁₆	Heptane	1131	1133	
	C ₇ H ₁₆	3-Methylhexane <undefined optical isomer>	1111	0272	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	0002	
	C ₈ H ₁₁ F ₆ N ₃ O ₄ S ₂	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111a	2395	
	C ₈ H ₁₆	Oct-1-ene	1111	1699	2-34
	C ₈ H ₁₆ N ₂ O ₄ S	1-Ethyl-3-methylimidazolium ethylsulfate	1111a	2401	2-372
	C ₈ H ₁₈	Octane	1111	1007	
	C ₈ H ₁₈	Octane	1111	0040	
	C ₈ H ₁₈	Octane	1131	1567	2-27
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	2437	2-29
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	1297	2-30
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1231	2966	2-30
	C ₈ H ₁₈ O	Dibutyl ether	1111	0077	2-114
	C ₈ H ₂₄ O ₄ Si ₄	Octamethylcyclotetrasiloxane	1111	0347	2-378
	C ₉ H ₁₅ NO ₅ S	Pyridinium methoxyethylsulfate	1111a	2403	
	C ₁₀ H ₁₅ F ₆ N ₃ O ₄ S ₂	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111a	2399	
	C ₁₀ H ₁₅ F ₆ N ₃ O ₄ S ₂	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111	2279	2-373
	C ₁₀ H ₂₂	Decane	1111	1004	
	C ₁₄ H ₃₀	Tetradecane	1111	0006	2-28
	C ₁₄ H ₃₀	Tetradecane	1111	2881	
	C ₁₅ H ₃₂	Pentadecane	1111	1035	
	C ₁₆ H ₃₄	Hexadecane	1111	0042	
	C ₁₆ H ₃₄	Hexadecane	1111	0007	2-28
	C ₂₄ H ₅₂ O ₄ Si	Tetrakis(2-ethylbutoxy)silane	1111	1691	2-377
		Phenol			
C₆H₆O	C ₆ H ₇ N	2-Methylpyridine	1231	3119	
	C ₆ H ₇ N	3-Methylpyridine	1231	3120	
	C ₆ H ₇ N	4-Methylpyridine	1231	3121	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1231	1532	2-260
	C ₇ H ₈	Toluene	1111	2186	
	C ₇ H ₈ O	Phenylmethanol	1231	1444	
	C ₇ H ₉ N	2,4-Dimethylpyridine	1231	3122	
	C ₇ H ₉ N	2,6-Dimethylpyridine	1231	3123	
	C ₈ H ₁₀	Ethylbenzene	1111	0231	
	C ₈ H ₁₁ N	2,4,6-Trimethylpyridine	1231	3124	
	C ₈ H ₁₈	Octane	1131	1311	
	C ₉ H ₁₂	Isopropylbenzene	1111	0232	
	C ₉ H ₁₂	Propylbenzene	1111	0233	
	C ₉ H ₁₂	1,2,4-Trimethylbenzene	1111	0234	
	C ₁₀ H ₁₄	Butylbenzene	1111	0235	
	C ₁₀ H ₁₄	Butylbenzene	1111	0200	
	C ₁₀ H ₁₄	Butylbenzene	1121	0206	
	C ₁₀ H ₂₂	Decane	1131	1310	2-172
	C ₁₂ H ₂₆	Dodecane	1111	0201	
	C ₁₂ H ₂₆	Dodecane	1121	0207	
C₆H₇N		Aniline			
	C ₆ H ₁₂	Cyclohexane	1131	3280	
	C ₆ H ₁₃ N	Cyclohexylamine	1131	2358	
	C ₆ H ₁₄	Hexane	1111a	2854	2-317
	C ₆ H ₁₄	Hexane	1211a	2072	
	C ₇ H ₈	Toluene	1111	1031	
	C ₇ H ₈	Toluene	1131	3312	2-319
	C ₇ H ₁₄	Methylcyclohexane	1131	3311	2-318
	C ₇ H ₁₆	Heptane	1111a	1034	
	C ₈ H ₈	Vinylbenzene	1131	1363	2-320
C₆H₇N	C ₈ H ₁₈	2,2,4-Trimethylpentane	1211a	2071	2-317
		2-Methylpyridine			
	C ₆ H ₁₂	Cyclohexane	1211	2680	
	C ₇ H ₈	Toluene	1111	1405	

C₆H₇N		a - Two-phase fluid-fluid		C₆H₁₂	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₆H₇N		2-Methylpyridine (cont.)			
	C ₇ H ₉ N	2-Methylaniline	1231	1941	2-309
	C ₇ H ₁₆	Heptane	1111	1406	
	C ₈ H ₁₀	Ethylbenzene	1211	3216	
	C ₈ H ₁₈	Octane	1111	1407	
	C ₉ H ₂₀	Nonane	1111	1408	
C₆H₇N		3-Methylpyridine			
	C ₇ H ₈	Toluene	1111	1409	
C₆H₇N		4-Methylpyridine			
	C ₇ H ₈	Toluene	1111	1412	
	C ₇ H ₉ N	2-Methylaniline	1231	1944	
C₆H₁₀		Cyclohexene			
	C ₆ H ₁₂	Cyclohexane	1431	3292	2-22
	C ₆ H ₁₂ O	Cyclohexanol	1431	3294	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1231	2965	
	C ₈ H ₁₁ F ₆ N ₃ O ₄ S ₂	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111a	2398	
	C ₁₀ H ₁₆	6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane <undefined optical isomer>	1231	0368	
C₆H₁₀		Hex-1-yne			
	C ₇ H ₁₆	Heptane	1112	0514	2-23
	C ₈ H ₁₈	Octane	1112	0513	
	C ₁₀ H ₂₂	Decane	1112	0646	
C₆H₁₀		3-Methylcyclopent-1-ene			
	C ₆ H ₁₂	Hex-1-ene	1111	3079	
C₆H₁₀O		Cyclohexanone			
	C ₆ H ₁₂	Cyclohexane	1131	0729	2-182
	C ₆ H ₁₂	Cyclohexane	1121	0628	
	C ₆ H ₁₂	Cyclohexane	1211	2287	
	C ₆ H ₁₂ O	Cyclohexanol	1231	1413	
	C ₆ H ₁₂ O	Hexanal	1211	0172	
	C ₆ H ₁₂ O	Hexanal	1221	0174	
	C ₇ H ₁₂ O	2-Methylcyclohexanone	1231	1414	
	C ₇ H ₁₆	Heptane	1121	0629	
C₆H₁₁Cl		Chlorocyclohexane			
	C ₆ H ₁₃ N	Cyclohexylamine	1131	2917	
C₆H₁₁NO		Hexahydroazepin-2-one			
	C ₈ H ₁₈	Octane	1111	2165	
	C ₁₀ H ₂₂	Decane	1111	2166	
C₆H₁₂		Cyclohexane			
	C ₆ H ₁₂	Hex-1-ene	1111	2192	
	C ₆ H ₁₂ O	Oxepane	1111	0715	
	C ₆ H ₁₂ O ₂	Butyl ethanoate	1111	0184	
	C ₆ H ₁₂ O ₂	Butyl ethanoate	1121	0190	
	C ₆ H ₁₃ N	1-Methylpiperidine	1131	0699	
	C ₆ H ₁₃ N	Perhydroazepine	1111	0698	
	C ₆ H ₁₃ N	Perhydroazepine	1131	0702	2-313
	C ₆ H ₁₄	2,3-Dimethylbutane	1111	0416	
	C ₆ H ₁₄	Hexane	1111	1525	2-15
	C ₆ H ₁₄	Hexane	1111	0014	
	C ₆ H ₁₄	Hexane	1111	0010	2-11
	C ₆ H ₁₄	Hexane	1231	2906	
	C ₆ H ₁₄ O	Butyl ethyl ether	1121	3155	2-122
	C ₆ H ₁₄ O	Diisopropyl ether	1111	1267	
	C ₆ H ₁₄ O	Dipropyl ether	1121	3153	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1111	1396	
	C ₆ H ₁₄ O ₂	3,6-Dioxaoctane	1121	3157	
	C ₆ H ₁₄ O ₃	2,5,8-Trioxanonane	1121	3156	
	C ₆ H ₁₄ S	4-Thiaheptane	1121	2224	
	C ₆ H ₁₆ N ₂	N,N,N',N'-Tetramethylethane-1,2-diamine	1112	0925	
	C ₇ H ₈	Toluene	1111	0529	
	C ₇ H ₈	Toluene	1111	2427	2-40
	C ₇ H ₈	Toluene	1231	2910	
	C ₇ H ₈	Toluene	1231	2056	
	C ₇ H ₉ F ₆ N ₃ O ₄ S ₂	1-Methyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111a	2393	2-373
	C ₇ H ₁₄	Cycloheptane	1111	0413	
	C ₇ H ₁₄	Methylcyclohexane	1111	0011	2-18

C₆H₁₂		a - Two-phase fluid-fluid		C₆H₁₂	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₆H₁₂		Cyclohexane (cont.)			
	C ₇ H ₁₆	2,2-Dimethylpentane	1111	1630	
	C ₇ H ₁₆	Heptane	1111	0015	
	C ₇ H ₁₆	Heptane	1111	2204	2-12
	C ₇ H ₁₆	Heptane	1131	0055	
	C ₇ H ₁₆	Heptane	1231	2907	
	C ₇ H ₁₆	Heptane	1232	3231	2-12
	C ₈ H ₁₀	1,2-Dimethylbenzene	1111	1513	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1231	2701	
	C ₈ H ₁₀	1,3-Dimethylbenzene	1111	1512	
	C ₈ H ₁₀	1,3-Dimethylbenzene	1231	2700	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	1780	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	1514	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	2852	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1112	3284	2-42
	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	2702	
	C ₈ H ₁₀	Ethylbenzene	1111	1779	
	C ₈ H ₁₀	Ethylbenzene	1231	2699	2-41
	C ₈ H ₁₁ F ₆ N ₃ O ₄ S ₂	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111a	2396	
	C ₈ H ₁₆	Cyclooctane	1111	0412	
	C ₈ H ₁₆ N ₂ O ₄ S	1-Ethyl-3-methylimidazolium ethylsulfate	1111a	2402	2-372
	C ₈ H ₁₈	3,4-Dimethylhexane	1111	1793	
	C ₈ H ₁₈	4-Methylheptane	1111	1794	
	C ₈ H ₁₈	Octane	1111	1781	
	C ₈ H ₁₈	Octane	1111	0016	
	C ₈ H ₁₈	Octane	1111	0768	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	0769	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	1775	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	2789	2-15
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	1867	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1231	1737	2-16
	C ₈ H ₁₈ O	Dibutyl ether	1121	3154	
	C ₈ H ₂₄ O ₄ Si ₄	Octamethylcyclotetrasiloxane	1111	1689	
	C ₉ H ₁₂	Propylbenzene	1111	2520	
	C ₉ H ₂₀	Nonane	1111	1632	2-13
	C ₁₀ H ₁₅ F ₆ N ₃ O ₄ S ₂	1-Butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111a	2400	
	C ₁₀ H ₁₆	6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane <undefined optical isomer>	1231	0367	
	C ₁₀ H ₁₆	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer>	1231	0363	2-24
	C ₁₀ H ₁₈	cis-Bicyclo[4.4.0]decane	1131	0730	
	C ₁₂ H ₂₆	Dodecane	1111	0355	2-13
	C ₁₄ H ₃₀	Tetradecane	1111	0009	2-14
	C ₁₆ H ₃₄	2,2,4,4,6,8,8-Heptamethylnonane	1111	1631	2-16
	C ₁₆ H ₃₄	Hexadecane	1111	0356	
	C ₁₆ H ₃₄	Hexadecane	1111	0008	2-14
	C ₂₀ H ₄₂	Icosane	1111	0354	
	C ₂₄ H ₅₂ O ₄ Si	Tetrakis(2-ethylbutoxy)silane	1111	1692	
C₆H₁₂		Hex-1-ene			
	C ₆ H ₁₄	Hexane	1111	1606	
	C ₆ H ₁₄	Hexane	1131	0341	
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1231	2964	
	C ₆ H ₁₄ O	Diisopropyl ether	1111	1318	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1111	1399	
	C ₇ H ₈	Toluene	1111	1700	
	C ₇ H ₈	Toluene	1111	2430	2-43
	C ₇ H ₈	Toluene	1231	0391	2-43
	C ₇ H ₁₆	Heptane	1111	1270	2-19
	C ₇ H ₁₆	Heptane	1231	2314	2-20
	C ₈ H ₁₀	1,2-Dimethylbenzene	1231	0392	
	C ₈ H ₁₀	1,3-Dimethylbenzene	1231	0393	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	0394	2-44
	C ₈ H ₁₀	Ethylbenzene	1231	0395	
	C ₈ H ₁₈	Octane	1111	1607	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	2429	2-21
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1231	2664	2-21
	C ₉ H ₁₈ O	Nonan-5-one	1111	0033	
C₆H₁₂		Methylcyclopentane			
	C ₆ H ₁₄	Hexane	1111	2969	

C₆H₁₂		a - Two-phase fluid-fluid		C₆H₁₄	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₆H₁₂		Methylcyclopentane (cont.)			
	C ₆ H ₁₄	Hexane	1231	2908	
	C ₇ H ₈	Toluene	1231	2911	
C₆H₁₂		2-Methylpent-1-ene			
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1111	1720	
C₆H₁₂O		Butyloxirane <undefined optical isomer>			
	C ₇ H ₁₆	Heptane	1131	1435	
C₆H₁₂O		Cyclohexanol			
	C ₆ H ₁₂ O	Hexanal	1211	0173	2-266
	C ₆ H ₁₂ O	Hexanal	1221	0175	
	C ₆ H ₁₃ N	Cyclohexylamine	1131	2916	
	C ₇ H ₁₆	Heptane	1111	0733	2-171
	C ₈ H ₁₀	1,2-Dimethylbenzene	1211	0294	2-171
	C ₉ H ₂₀	Nonane	1211	0295	
C₆H₁₂O		4-Methylpentan-2-one			
	C ₆ H ₁₄ O	Diisopropyl ether	1131	2727	
	C ₇ H ₁₆	Heptane	1131	3109	2-181
	C ₈ H ₁₀	1,4-Dimethylbenzene	1211	2958	
	C ₈ H ₁₀	Ethylbenzene	1211	3219	
C₆H₁₂O₂		Butyl ethanoate			
	C ₇ H ₁₄	Methylcyclohexane	1111	0179	2-188
	C ₇ H ₁₄	Methylcyclohexane	1121	0189	2-188
	C ₇ H ₁₆	Heptane	1131	0345	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1211	2510	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1221	2513	
	C ₈ H ₁₆	Oct-2-ene	1121	1656	
	C ₁₀ H ₂₀	Dec-1-ene	1131	1315	
C₆H₁₂O₂		Ethyl butanoate			
	C ₇ H ₁₆	Heptane	1131	0346	
C₆H₁₂O₂		4-Hydroxy-4-methylpentan-2-one			
	C ₆ H ₁₄	Hexane	1111a	3070	
C₆H₁₂O₂		Methyl pentanoate			
	C ₇ H ₁₆	Heptane	1231	2352	
C₆H₁₂O₂		2-Methylpropyl ethanoate			
	C ₇ H ₁₄ O ₂	Butyl propanoate	1231	2175	
	C ₈ H ₁₆	Oct-1-ene	1121	1657	
C₆H₁₂O₂		Propyl propanoate			
	C ₇ H ₁₆	Heptane	1231	2643	
	C ₉ H ₂₀	Nonane	1231	2644	
C₆H₁₃Cl		1-Chlorohexane			
	C ₇ H ₈	Toluene	1131	1840	2-81
	C ₈ H ₁₀	Ethylbenzene	1131	1841	
	C ₉ H ₁₂	Propylbenzene	1131	1842	
C₆H₁₃N		Cyclohexylamine			
	C ₈ H ₁₈	Octane	1131	2360	
C₆H₁₃N		1-Methylpiperidine			
	C ₇ H ₁₆	Heptane	1311	2551	
	C ₁₀ H ₂₂	Decane	1311	2552	
C₆H₁₄		2,2-Dimethylbutane			
	C ₆ H ₁₄	Hexane	1111	1994	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1111	2426	2-120
C₆H₁₄		2,3-Dimethylbutane			
	C ₆ H ₁₄	Hexane	1111	1995	
	C ₇ H ₁₄	Cycloheptane	1111	0415	
	C ₈ H ₁₆	Cyclooctane	1111	0418	2-17
C₆H₁₄		Hexane			
	C ₆ H ₁₄	2-Methylpentane	1111	1992	
	C ₆ H ₁₄	3-Methylpentane	1111	1993	
	C ₆ H ₁₄ O	Hexan-1-ol	1111	0503	
	C ₆ H ₁₄ O	Hexan-1-ol	1111	1110	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1111	0862	2-117
	C ₆ H ₁₅ N	Triethylamine	1111	0900	
	C ₆ H ₁₈ N ₃ OP	Phosphoric tris(dimethylamide)	1111	0405	2-375
	C ₇ F ₁₆	Hexadecafluoroheptane	1121	1683	
	C ₇ H ₈	Toluene	1111	1008	
	C ₇ H ₉ N	2,6-Dimethylpyridine	1112	2377	
	C ₇ H ₉ N	3,5-Dimethylpyridine	1112	2372	

C₆H₁₄		a - Two-phase fluid-fluid		C₆H₁₄O	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₆H₁₄		Hexane (cont.)			
	C ₇ H ₁₄	Methylcyclohexane	1231	2909	
	C ₇ H ₁₆	Heptane	1111	0238	
	C ₈ F ₁₈	Octadecafluorooctane	1121	1687	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	1009	
	C ₈ H ₁₀	Ethylbenzene	1111	1010	
	C ₈ H ₁₀	Ethylbenzene	1131	1934	2-36
	C ₈ H ₁₁ F ₆ N ₃ O ₄ S ₂	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111a	2397	
	C ₈ H ₁₈	Octane	1111	0003	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1211	3209	
	C ₈ H ₁₈ O	Dibutyl ether	1111	0059	2-110
	C ₈ H ₁₈ O	Octan-1-ol	1111	0478	
	C ₉ H ₁₈ O	Nonan-5-one	1111	0032	
	C ₁₀ H ₂₂	Decane	1111	0058	
	C ₁₀ H ₂₂ O	Decan-1-ol	1111	0471	
	C ₁₁ H ₂₄	Undecane	1111	0060	
	C ₁₂ H ₂₆	Dodecane	1111	0057	
	C ₁₂ H ₂₆ O	Dodecan-1-ol	1111	0479	
	C ₁₂ H ₂₆ O	Dodecan-1-ol	1111	0504	
	C ₁₂ H ₂₇ N	Tributylamine	1111	0901	
	C ₁₆ H ₃₄	Hexadecane	1111	0004	2-8
C₆H₁₄		2-Methylpentane			
	C ₆ H ₁₄ O	tert-Butyl ethyl ether	1231	2189	
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1231	2190	2-120
	C ₇ H ₁₆	Heptane	1131	1936	2-9
	C ₈ H ₁₈	Octane	1111	1935	
	C ₈ H ₁₈	Octane	1121	1937	
C₆H₁₄		3-Methylpentane			
	C ₆ H ₁₄ O	Methyl 1,1-dimethylpropyl ether	1231	1746	
	C ₇ H ₈	Toluene	1111	0273	2-38
	C ₇ H ₁₄	Methylcyclohexane	1231	2066	2-17
	C ₇ H ₁₆	Heptane	1111	3188	2-10
	C ₇ H ₁₆	Heptane	1121	3190	2-10
	C ₈ H ₁₈	Octane	1111	3187	
C₆H₁₄O		tert-Butyl ethyl ether			
	C ₇ H ₁₄	Methylcyclohexane	1231	2198	
C₆H₁₄O		Diisopropyl ether			
	C ₇ H ₈	Toluene	1131	1258	2-127
	C ₇ H ₈	Toluene	1231	0778	
	C ₇ H ₁₄	Methylcyclohexane	1231	2065	2-122
	C ₇ H ₁₆	Heptane	1111	0860	
	C ₇ H ₁₆	Heptane	1131	1171	2-117
	C ₈ H ₁₀	Ethylbenzene	1131	1259	2-127
	C ₈ H ₁₈	Octane	1131	1729	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	1538	2-119
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1121	1541	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1211	2721	
	C ₈ H ₁₈ O	Dibutyl ether	1231	1742	
C₆H₁₄O		Dipropyl ether			
	C ₆ H ₁₄ O	Hexan-1-ol	1111	2124	
	C ₇ H ₈	Toluene	1131	1260	2-113
	C ₇ H ₁₆	Heptane	1111	1253	
	C ₈ H ₁₀	Ethylbenzene	1131	1261	2-114
	C ₈ H ₁₈ O	Octan-1-ol	1111	2125	
C₆H₁₄O		Hexan-1-ol			
	C ₈ H ₁₆ O ₂	Hexyl ethanoate	1131	2785	
	C ₈ H ₁₆ O ₂	Hexyl ethanoate	1231	2783	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	0480	
	C ₁₀ H ₁₆	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer>	1211	2141	
C₆H₁₄O		Methyl 1,1-dimethylpropyl ether			
	C ₇ H ₈	Toluene	1131	2247	
	C ₇ H ₁₆	Heptane	1111	1398	
	C ₇ H ₁₆ O	Ethyl 1,1-dimethylpropyl ether	1111	1719	
	C ₈ H ₁₈	Octane	1111	0263	2-118
	C ₈ H ₁₈	Octane	1111	1077	
	C ₁₀ H ₂₂	Decane	1111	0261	2-118

C₆H₁₄O₂		a - Two-phase fluid-fluid		C₇H₈O	
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₆H₁₄O₂		3-Oxaheptan-1-ol			
	C ₈ H ₁₆ O ₃	2-Butoxyethyl ethanoate	1111	1088	
C₆H₁₄O₃		2,5,8-Trioxanonane			
	C ₁₀ H ₂₂	Decane	1131	1255	2-129
C₆H₁₄O₄		3,6-Dioxaoctane-1,8-diol			
	C ₇ H ₈	Toluene	1231	2899	
	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	1131	2895	
	C ₁₁ H ₁₀	1-Methylnaphthalene	1131	2896	
C₆H₁₄S		4-Thiaheptane			
	C ₇ H ₁₆	Heptane	1121	2223	
C₆H₁₄S₂		4,5-Dithiaoctane			
	C ₇ H ₁₆	Heptane	1121	2229	
C₆H₁₅N		Triethylamine			
	C ₇ H ₁₆	Heptane	1131	0905	
	C ₈ H ₁₈	Octane	1111	0902	
	C ₉ H ₁₂	1,3,5-Trimethylbenzene	1111	1581	2-306
C₆H₁₆N₂		N,N,N',N'-Tetramethylethane-1,2-diamine			
	C ₇ H ₁₆	Heptane	1112	1422	
C₆H₁₈N₃OP		Phosphoric tris(dimethylamide)			
	C ₇ H ₈	Toluene	1111	0809	
	C ₇ H ₁₆	Heptane	1111	0406	
	C ₈ H ₁₈	Octane	1111	0407	
C₆H₁₈OSi₂		Hexamethyldisiloxane			
	C ₇ H ₈	Toluene	1131	2988	2-378
C₇H₅F₃		(Trifluoromethyl)benzene			
	C ₇ H ₈	Toluene	1231	2052	
C₇H₅NS		Benzothiazole			
	C ₇ H ₈ O	3-Methylphenol	1131	1858	
	C ₁₂ H ₁₀ O	Diphenyl ether	1131	1857	
C₇H₆O		Benzaldehyde			
	C ₇ H ₈	Toluene	1111	2187	
	C ₈ H ₈	Vinylbenzene	1131	1868	
	C ₈ H ₁₀	Ethylbenzene	1131	1869	
C₇H₇Cl		Benzyl chloride			
	C ₈ H ₁₈	Octane	1131	2242	
C₇H₇Cl		2-Chlorotoluene			
	C ₇ H ₇ Cl	4-Chlorotoluene	1232	3232	2-92
	C ₇ H ₈	Toluene	1111	1872	
	C ₈ H ₁₀	1,3-Dimethylbenzene	1111	1873	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	1875	
C₇H₈		Toluene			
	C ₇ H ₉ N	2-Methylaniline	1131	1364	2-320
	C ₇ H ₁₄	Hept-1-ene	1111	1608	2-44
	C ₇ H ₁₄	Methylcyclohexane	1111	1216	
	C ₇ H ₁₄	Methylcyclohexane	1131	3313	2-40
	C ₇ H ₁₄	Methylcyclohexane	1131	1570	
	C ₇ H ₁₄	Methylcyclohexane	1232	3233	
	C ₇ H ₁₄ O ₂	Pentyl ethanoate	1211	2626	2-192
	C ₇ H ₁₆	Heptane	1111	1012	
	C ₇ H ₁₆	Heptane	1111	1553	
	C ₇ H ₁₆	Heptane	1111	1609	
	C ₈ H ₁₀	1,3-Dimethylbenzene	1131	0995	2-45
	C ₈ H ₁₀	Ethylbenzene	1111	0485	
	C ₈ H ₁₀	Ethylbenzene	1211	2342	2-45
	C ₈ H ₁₁ N	(+,-)-1-Phenylethylamine	1131	2244	
	C ₈ H ₁₈	Octane	1111	1013	
	C ₈ H ₁₈	Octane	1131	3189	2-35
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	2788	2-38
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	2428	2-39
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	2438	
	C ₉ H ₁₅ NO ₅ S	Pyridinium methoxyethylsulfate	1111a	2404	
	C ₁₀ H ₂₂	Decane	1111	1011	
	C ₁₀ H ₂₂	Decane	1131	0994	2-35
C₇H₈O		2-Methylphenol			
	C ₇ H ₁₆	Heptane	1211	2183	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1211	2178	
	C ₈ H ₁₀	1,3-Dimethylbenzene	1211	2182	

C₇H₈O**C₇H₁₄**

Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₇H₈O		2-Methylphenol (cont.)			
	C ₈ H ₁₀	1,4-Dimethylbenzene	1211	2179	
	C ₉ H ₂₀	Nonane	1111	0202	
	C ₉ H ₂₀	Nonane	1121	0208	
	C ₁₀ H ₂₂	Decane	1111	0203	
	C ₁₀ H ₂₂	Decane	1121	0209	
	C ₁₁ H ₂₄	Undecane	1111	2497	
C₇H₈O	C ₁₁ H ₂₄	Undecane	1121	2501	
		3-Methylphenol			
	C ₉ H ₇ N	Quinoline	1131	2989	
	C ₉ H ₇ N	Quinoline	1131	1859	
	C ₉ H ₂₀	Nonane	1111	2499	
	C ₉ H ₂₀	Nonane	1121	2503	
	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	1131	1856	
	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	1131	2990	
	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	1231	1938	
	C ₁₀ H ₂₂	Decane	1111	0204	
	C ₁₀ H ₂₂	Decane	1121	0210	
	C ₁₁ H ₁₀	2-Methylnaphthalene	1121	0211	
	C ₁₁ H ₁₀	2-Methylnaphthalene	1111	0205	
	C ₁₁ H ₂₄	Undecane	1111	2498	
	C ₁₁ H ₂₄	Undecane	1121	2502	
	C ₁₂ H ₂₆	Dodecane	1111	2500	
	C ₁₂ H ₂₆	Dodecane	1121	2504	
C₇H₈O		Methyl phenyl ether			
	C ₁₀ H ₁₆	(1S,5S)-(-)-6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane	1131	2032	2-145
C₇H₈O	C ₁₀ H ₁₆	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer> ...	1131	2031	2-145
C₇H₈O		Phenylmethanol			
	C ₉ H ₁₂	Isopropylbenzene	1231	1443	
C₇H₈O₂		2-Methoxyphenol			
	C ₈ H ₁₀ O ₂	1,2-Dimethoxybenzene	1131	2672	
C₇H₉N		2,6-Dimethylpyridine			
	C ₇ H ₉ N	2-Methylaniline	1231	1942	
	C ₇ H ₁₆	Heptane	1112	2376	
	C ₈ H ₁₈	Octane	1112	2375	
	C ₁₀ H ₂₂	Decane	1231	2074	
C₇H₉N		3,5-Dimethylpyridine			
	C ₇ H ₁₆	Heptane	1112	2373	
	C ₈ H ₁₈	Octane	1112	2374	
C₇H₉N		2-Methylaniline			
	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	1231	1939	
C₇H₉N		3-Methylaniline			
	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	1231	1940	
C₇H₁₂		1-Methylcyclohexene			
	C ₇ H ₁₆	Heptane	1211	1638	
	C ₇ H ₁₆	Heptane	1221	1639	
C₇H₁₂O₄		Diethyl propanedioate			
	C ₇ H ₁₆ O ₃	Triethoxymethane	1111	1059	
	C ₇ H ₁₆ O ₃	Triethoxymethane	1211	1060	
C₇H₁₄		Cycloheptane			
	C ₇ H ₁₄ O	Cycloheptanol	1111	3009	
	C ₈ H ₁₆	Cyclooctane	1111	0414	
C₇H₁₄		Hept-1-ene			
	C ₇ H ₁₆	Heptane	1111	2738	2-20
C₇H₁₄		Methylcyclohexane			
	C ₇ H ₁₆	Heptane	1131	0056	
	C ₇ H ₁₆	Heptane	1231	2057	
	C ₇ H ₁₆	Heptane	1232	3234	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1111	1218	
	C ₈ H ₁₀	1,2-Dimethylbenzene	1131	2724	2-41
	C ₈ H ₁₀	1,3-Dimethylbenzene	1131	2723	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	1219	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1131	2725	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	2567	
	C ₈ H ₁₀	Ethylbenzene	1111	0486	
	C ₈ H ₁₀	Ethylbenzene	1111	1217	
	C ₈ H ₁₀	Ethylbenzene	1111	0274	

C₇H₁₄		C₈H₁₀			
Formula		Name	EVLM	LB	Page
Comp. 1	Comp. 2				
C₇H₁₄		Methylcyclohexane (cont.)			
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1231	2197	
	C ₉ H ₁₂	Propylbenzene	1111	1220	
C₇H₁₄O		Heptan-2-one			
	C ₈ H ₁₈ O	Dibutyl ether	1131	0609	
C₇H₁₄O		Heptan-3-one			
	C ₈ H ₁₈ O	Dibutyl ether	1131	0610	
C₇H₁₄O		Heptan-4-one			
	C ₈ H ₁₈ O	Dibutyl ether	1131	0611	
C₇H₁₄O₂		Pentyl ethanoate			
	C ₈ H ₁₀	1,2-Dimethylbenzene	1211	2654	
	C ₈ H ₁₀	Ethylbenzene	1211	2627	
	C ₉ H ₂₀	Nonane	1211	2655	2-185
C₇H₁₄O₂		Propyl butanoate			
	C ₇ H ₁₆	Heptane	1231	2641	
	C ₉ H ₂₀	Nonane	1231	2642	2-185
C₇H₁₆		Heptane			
	C ₇ H ₁₆ O	2,3,3-Trimethylbutan-2-ol	1111	1073	2-166
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	1284	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1111	1015	
	C ₈ H ₁₀	Ethylbenzene	1111	1283	
	C ₈ H ₁₀	Ethylbenzene	1111	1014	
	C ₈ H ₁₀	Ethylbenzene	1111	0487	
	C ₈ H ₁₆	Cyclooctane	1111	0213	
	C ₈ H ₁₆	Cyclooctane	1121	0215	
	C ₈ H ₁₈	Octane	1111	0469	
	C ₈ H ₁₈	Octane	1231	3135	
	C ₈ H ₁₈ O	Octan-1-ol	1111	1522	
	C ₈ H ₁₈ O	Octan-3-ol	1111	1603	
	C ₈ H ₁₈ O	Octan-4-ol	1111	1604	
	C ₈ H ₁₈ O	Octan-2-ol <undefined optical isomer>	1111	1523	
	C ₉ H ₁₂	Isopropylbenzene	1111	0275	
	C ₁₀ H ₁₆	6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane <undefined optical isomer>	1231	0369	
	C ₁₀ H ₁₆	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer>	1231	0365	
	C ₁₂ H ₂₆	Dodecane	1231	2707	
C₇H₁₆		3-Methylhexane <undefined optical isomer>			
	C ₉ H ₁₂	Propylbenzene	1111	0277	
C₇H₁₆O₂		2,2-Dimethyl-3-oxahexan-5-ol			
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1131	0896	2-173
C₈H₈O		Methyl phenyl ketone			
	C ₈ H ₁₀	Ethylbenzene	1211	3214	
C₈H₈O		4-Tolualdehyde			
	C ₈ H ₁₁ F ₆ N ₃ O ₄ S ₂	1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide	1111	2993	
C₈H₈O₂		4-Methoxybenzaldehyde			
	C ₈ H ₁₀ O ₂	4-Methoxybenzyl alcohol	1221	0990	
	C ₉ H ₁₀ O ₃	Methyl 4-methoxybenzoate	1231	0991	
C₈H₈O₂		Methyl benzoate			
	C ₉ H ₁₀ O ₂	Methyl 4-methylbenzoate	1111	1291	
	C ₉ H ₁₀ O ₂	Methyl 4-methylbenzoate	1231	1288	
	C ₁₀ H ₁₀ O ₄	Dimethyl benzene-1,4-dicarboxylate	1111	1292	
	C ₁₀ H ₁₀ O ₄	Dimethyl benzene-1,4-dicarboxylate	1231	1289	
C₈H₁₀		1,2-Dimethylbenzene			
	C ₈ H ₁₀	1,3-Dimethylbenzene	1231	1447	
	C ₈ H ₁₀	1,4-Dimethylbenzene	1231	1448	
	C ₈ H ₁₀	Ethylbenzene	1231	1449	
	C ₈ H ₁₀	Ethylbenzene	1111	0488	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	2439	
	C ₉ H ₂₀	Nonane	1211	2653	
C₈H₁₀		1,3-Dimethylbenzene			
	C ₈ H ₁₀	1,4-Dimethylbenzene	1232	3235	2-46
	C ₈ H ₁₀	Ethylbenzene	1231	1450	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1211	3211	
	C ₁₀ H ₂₂	Decane	1131	0996	2-37
C₈H₁₀		1,4-Dimethylbenzene			
	C ₈ H ₁₀	Ethylbenzene	1111	0489	
	C ₈ H ₁₀	Ethylbenzene	1211	0689	
	C ₈ H ₁₈	Octane	1111	1016	

C₈H₁₀		C₉H₇N			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₈H₁₀		1,4-Dimethylbenzene (cont.)			
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	2441	2-39
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1211	3210	
	C ₈ H ₂₀ O ₄ Si	Tetraethoxysilane	1111	0266	
	C ₁₀ H ₂₂	Decane	1111	1018	
	C ₁₀ H ₂₂	Decane	1231	1628	
C₈H₁₀		Ethylbenzene			
	C ₈ H ₁₄	Oct-1-yne	1211	2744	
	C ₈ H ₁₆	Cyclooctane	1111	2451	
	C ₈ H ₁₆	Cyclooctane	1121	2452	
	C ₈ H ₁₈	Octane	1111	1017	
	C ₈ H ₁₈	Octane	1111	0490	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	0276	
	C ₈ H ₁₈	2,2,4-Trimethylpentane	1111	2440	
	C ₉ H ₁₂	Isopropylbenzene	1111	0491	
	C ₉ H ₁₂	Propylbenzene	1111	0492	
	C ₉ H ₁₂	1,2,4-Trimethylbenzene	1111	0493	2-46
	C ₉ H ₂₀	Nonane	1131	1754	2-36
	C ₁₀ H ₁₄	Butylbenzene	1111	0494	
	C ₁₀ H ₂₂	Decane	1111	1019	
C₈H₁₀O₂		4-Methoxybenzyl alcohol			
	C ₉ H ₁₀ O ₃	Methyl 4-methoxybenzoate	1221	0992	
C₈H₁₁F₆N₃O₄S₂		1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide			
	C ₉ H ₁₈ O	Nonanal	1111	2992	
	C ₉ H ₁₈ O	Nonan-2-one	1111	2995	
	C ₁₀ H ₁₂ O	4-Phenylbutan-2-one	1111	2994	
C₈H₁₄		Oct-1-yne			
	C ₈ H ₁₄	Oct-3-yne	1211	2743	2-23
	C ₈ H ₁₈ O	Dibutyl ether	1211	2741	2-112
C₈H₁₄		Oct-2-yne			
	C ₈ H ₁₈ O	Dibutyl ether	1211	2745	2-112
C₈H₁₄		Oct-3-yne			
	C ₈ H ₁₆	Oct-1-ene	1211	2747	
C₈H₁₆		Cyclooctane			
	C ₉ H ₁₂	Propylbenzene	1111	0192	2-42
	C ₉ H ₁₂	Propylbenzene	1121	0193	
	C ₁₀ H ₁₄	Butylbenzene	1111	0212	
	C ₁₀ H ₁₄	Butylbenzene	1121	0214	
C₈H₁₆		Oct-1-ene			
	C ₁₀ H ₁₆	6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane <undefined optical isomer>	1231	0370	
	C ₁₀ H ₁₆	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer>	1231	0366	
C₈H₁₈		Octane			
	C ₉ H ₁₂	Propylbenzene	1131	1755	
	C ₁₀ H ₁₆	(R)-(+)-4-Isopropenyl-1-methylcyclohex-1-ene	1211	2544	
	C ₁₀ H ₁₆	(R)-(+)-4-Isopropenyl-1-methylcyclohex-1-ene	1221	2545	
	C ₁₀ H ₁₆	(R)-(+)-4-Isopropenyl-1-methylcyclohex-1-ene	1341	2546	2-25
	C ₁₀ H ₁₆	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer>	1111	2685	
	C ₁₀ H ₁₆	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer>	1211	2686	
	C ₁₀ H ₂₂	Decane	1231	1495	
	C ₁₂ H ₂₆	Dodecane	1231	1494	2-8
	C ₁₆ H ₃₄	Hexadecane	1111	0005	
C₈H₁₈		2,2,4-Trimethylpentane			
	C ₉ H ₁₂	Propylbenzene	1111	2442	
	C ₁₀ H ₂₂ O	Decan-1-ol	1111	0481	
C₈H₁₈O		Octan-1-ol			
	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	1231	3279	
C₈H₁₈O₄		2,5,8,11-Tetraoxadodecane			
	C ₁₂ H ₂₆	Dodecane	1131	1172	
C₈H₁₈O₅		3,6,9-Trioxaundecane-1,11-diol			
	C ₁₁ H ₁₀	2-Methylnaphthalene	1131	2770	
C₈H₂₀O₄Si		Tetraethoxysilane			
	C ₉ H ₂₀	Nonane	1111	0268	
C₉H₇N		Quinoline			
	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	1131	2991	2-310
	C ₁₀ H ₁₄	Butylbenzene	1111	0228	
	C ₁₀ H ₁₈	trans-Bicyclo[4.4.0]decane	1111	0230	
	C ₁₀ H ₂₂	Decane	1111	0229	

C₉H₇N		C₁₀H₁₈			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₉H₇N		Quinoline (cont.)			
	C ₁₁ H ₁₀	1-Methylnaphthalene	1131	1860	2-310
C₉H₁₀O₂		Methyl 4-methylbenzoate			
	C ₁₀ H ₁₀ O ₄	Dimethyl benzene-1,4-dicarboxylate	1111	1293	
	C ₁₀ H ₁₀ O ₄	Dimethyl benzene-1,4-dicarboxylate	1231	1290	
C₉H₁₂		Isopropylbenzene			
	C ₉ H ₁₆	1-Butylcyclopentene	1211	2740	
C₉H₁₂		Propylbenzene			
	C ₉ H ₂₀	Nonane	1131	1756	2-37
C₉H₁₆		1-Butylcyclopentene			
	C ₉ H ₂₀	Nonane	1211	2739	
C₁₀H₈		Naphthalene			
	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene	1131	1957	
	C ₁₀ H ₁₈	cis-Bicyclo[4.4.0]decane	1131	1958	2-47
	C ₁₁ H ₁₀	1-Methylnaphthalene	1131	1948	
C₁₀H₁₂		1,2,3,4-Tetrahydronaphthalene			
	C ₁₁ H ₁₀	1-Methylnaphthalene	1131	1947	
	C ₁₂ H ₈ O	Dibenzofuran	1131	1962	2-146
	C ₁₂ H ₁₀	Acenaphthene	1131	1961	
	C ₁₂ H ₁₀	Biphenyl	1131	1959	
	C ₁₄ H ₁₀	Phenanthrene	1131	1960	2-48
C₁₀H₁₂O		4-Allyl-1-methoxybenzene			
	C ₁₀ H ₁₂ O	trans-1-Methoxy-4-(prop-1-en-1-yl)benzene	1211	0143	
	C ₁₀ H ₁₂ O	trans-1-Methoxy-4-(prop-1-en-1-yl)benzene	1221	0145	
	C ₁₀ H ₁₂ O	trans-1-Methoxy-4-(prop-1-en-1-yl)benzene	1341	0147	
	C ₁₀ H ₁₆ O	(1R,4S)-(+)-1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one	1211	0126	
	C ₁₀ H ₁₆ O	(1R,4S)-(+)-1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one	1221	0127	
	C ₁₀ H ₁₆ O	(1R,4S)-(+)-1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one	1341	0125	
	C ₁₀ H ₁₈ O	1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane	1211	2535	
	C ₁₀ H ₁₈ O	1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane	1221	2537	
	C ₁₀ H ₁₈ O	1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane	1341	2539	
C₁₀H₁₂O		trans-1-Methoxy-4-(prop-1-en-1-yl)benzene			
	C ₁₀ H ₁₆ O	(1R,4S)-(+)-1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one	1211	0142	
	C ₁₀ H ₁₆ O	(1R,4S)-(+)-1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one	1221	0144	
	C ₁₀ H ₁₆ O	(1R,4S)-(+)-1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one	1341	0146	
C₁₀H₁₄O		(S)-(+)-4-Isopropenyl-1-methylcyclohexen-6-one			
	C ₁₀ H ₁₆	(R)-(+)-4-Isopropenyl-1-methylcyclohex-1-ene	1211	0176	
	C ₁₀ H ₁₆	(R)-(+)-4-Isopropenyl-1-methylcyclohex-1-ene	1221	0177	
	C ₁₀ H ₁₆	(R)-(+)-4-Isopropenyl-1-methylcyclohex-1-ene	1341	0178	
C₁₀H₁₄O		(R)-(-)-4-Isopropenyl-1-methylcyclohexen-6-one			
	C ₁₀ H ₁₈ O	1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane	1211	2534	
	C ₁₀ H ₁₈ O	1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane	1221	2536	
	C ₁₀ H ₁₈ O	1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane	1341	2538	
	C ₁₀ H ₂₂	Decane	1211	1544	
	C ₁₀ H ₂₂	Decane	1221	1545	
	C ₁₀ H ₂₂	Decane	1341	1546	2-198
C₁₀H₁₆		(1S,5S)-(-)-6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane			
	C ₁₀ H ₁₆ O	(1R,4S)-(+)-1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one	1231	2295	
	C ₁₀ H ₁₈ O	1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane	1211	0167	
	C ₁₀ H ₁₈ O	1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane	1221	0168	
	C ₁₀ H ₁₈ O	1,3,3-Trimethyl-2-oxabicyclo[2.2.2]octane	1341	0169	
C₁₀H₁₆		6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane <undefined optical isomer>			
	C ₁₀ H ₁₆	(S)-(-)-4-Isopropenyl-1-methylcyclohex-1-ene	1231	2016	2-25
	C ₁₀ H ₁₆	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer>	1131	0362	
C₁₀H₁₆		(S)-(-)-4-Isopropenyl-1-methylcyclohex-1-ene			
	C ₁₀ H ₁₆	2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer>	1231	2015	
C₁₀H₁₆		2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene <undefined optical isomer>			
	C ₁₀ H ₁₈	2,6,6-Trimethylbicyclo[3.1.1]heptane	1111	1067	
	C ₁₀ H ₁₈	2,6,6-Trimethylbicyclo[3.1.1]heptane	1211	1070	2-24
C₁₀H₁₆O		(1R,4S)-(+)-1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one			
	C ₁₀ H ₂₂	Decane	1231	2324	
C₁₀H₁₈		cis-Bicyclo[4.4.0]decane			
	C ₁₀ H ₁₈	trans-Bicyclo[4.4.0]decane	1232	3236	
	C ₁₂ H ₈ O	Dibenzofuran	1131	1966	
	C ₁₂ H ₁₀	Acenaphthene	1131	1965	
	C ₁₂ H ₁₀	Biphenyl	1131	1963	
	C ₁₄ H ₁₀	Phenanthrene	1131	1964	2-47

C₁₀H₁₈O		C₁₃H₁₀			
Formula					
Comp. 1	Comp. 2	Name	EVLM	LB	Page
C₁₀H₁₈O		(2S,5R)-2-Isopropyl-5-methylcyclohexanone			
	C ₁₀ H ₂₂	Decane	1231	2323	2-198
C₁₀H₂₂		Decane			
	C ₁₁ H ₁₀	2-Methylnaphthalene	1131	2705	
	C ₁₂ H ₂₆	Dodecane	1231	1493	
C₁₁H₁₀		1-Methylnaphthalene			
	C ₁₂ H ₁₀	Acenaphthene	1131	1950	
	C ₁₂ H ₁₀	Biphenyl	1131	1949	
C₁₁H₂₄		Undecane			
	C ₁₂ H ₂₆ O	Dodecan-1-ol	1111	0568	
	C ₁₂ H ₂₆ O	Dodecan-1-ol	1121	0573	
	C ₁₄ H ₃₀ O	Tetradecan-1-ol	1111	0569	
	C ₁₄ H ₃₀ O	Tetradecan-1-ol	1121	0574	
C₁₃H₁₀		Fluorene			
	C ₁₄ H ₁₀	Phenanthrene	1111	0243	

Part 1

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