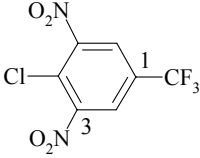
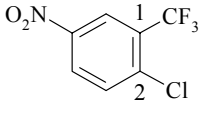
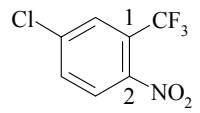
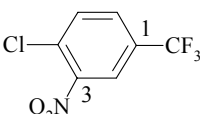
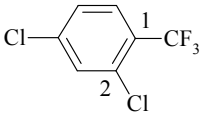
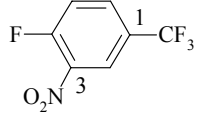
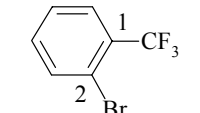
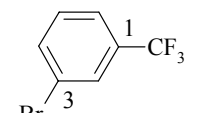
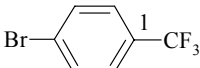
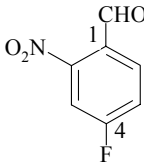
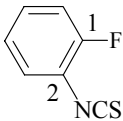
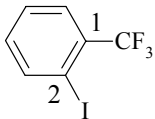
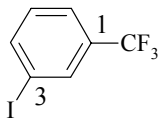
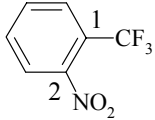
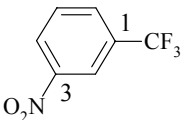
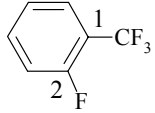
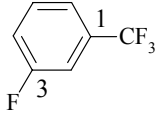
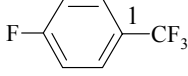


Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_2\text{ClF}_3\text{N}_2\text{O}_4$		CDCl_3	131.0(C1) 125.1(C2/6) 149.7(C3/5) 124.4(C4) 121.5(CF ₃) $^1J(\text{F},\text{C})=273.5$ $^2J(\text{F},\text{C1})=36.4$ $^3J(\text{F},\text{C2})=3.6$ $^5J(\text{F},\text{C4})=1.0$	77New
$\text{C}_7\text{H}_3\text{ClF}_3\text{NO}_2$		C_6D_6	129.8(C1) 139.4(C2) 133.2(C3) 128.0(C4) 146.7(C5) 123.2(C6) 122.3(CF ₃) $^1J(\text{F},\text{C})=273.6$ $^2J(\text{F},\text{C1})=33.0$ $^3J(\text{F},\text{C2})=1.7$ $^3J(\text{F},\text{C6})=5.6$ $^5J(\text{F},\text{C4})=0.7$	77New
$\text{C}_7\text{H}_3\text{ClF}_3\text{NO}_2$		C_6D_6	125.1(C1) 146.5(C2) 126.9(C3) 133.5(C4) 139.5(C5) 128.3(C6) 121.7(CF ₃) $^1J(\text{F},\text{C})=273.8$ $^2J(\text{F},\text{C1})=34.6$ $^3J(\text{F},\text{C6})=5.6$ $^5J(\text{F},\text{C4})=0.8$	77New
$\text{C}_7\text{H}_3\text{ClF}_3\text{NO}_2$		C_6D_6	130.6(C1) 123.0(C2) 148.2(C3) 131.1(C4) 133.2(C5) 130.0(C6) 123.0(CF ₃) $^1J(\text{F},\text{C})=272.5$ $^2J(\text{F},\text{C1})=34.6$ $^3J(\text{F},\text{C2})=4.0$ $^3J(\text{F},\text{C6})=3.5$ $^5J(\text{F},\text{C4})=1.2$	77New
$\text{C}_7\text{H}_3\text{Cl}_2\text{F}_3$		C_6D_6	127.2(C1) 133.5(C2) 131.2(C3) 138.8(C4) 126.9(C5) 128.3(C6) 122.8(CF ₃) $^1J(\text{F},\text{C})=272.8$ $^2J(\text{F},\text{C1})=32.1$ $^3J(\text{F},\text{C2})=1.8$ $^3J(\text{F},\text{C6})=5.3$ $^5J(\text{F},\text{C4})=1.3$	77New
$\text{C}_7\text{H}_3\text{F}_4\text{NO}_2$		C_6D_6	127.7(C1) 124.1(C2) 137.7(C3) 157.7(C4) 120.0(C5) 132.9(C6) 123.2(CF ₃) $^1J(\text{F},\text{C})=272.0$ $^2J(\text{F},\text{C1})=34.8$ $^3J(\text{F},\text{C2})=4.0$ $^3J(\text{F},\text{C6})=3.6$ $^5J(\text{F},\text{C4})=1.3$	77New
$\text{C}_7\text{H}_4\text{BrF}_3$		C_6D_6	130.2(C1) 120.0(C2) 134.9(C3) 133.0(C4) 127.3(C5) 127.7(C6) 123.3(CF ₃) $^1J(\text{F},\text{C})=273.1$ $^2J(\text{F},\text{C1})=31.2$ $^3J(\text{F},\text{C2})=2.0$ $^3J(\text{F},\text{C6})=5.5$ $^5J(\text{F},\text{C4})=1.0$	77New
$\text{C}_7\text{H}_4\text{BrF}_3$		C_6D_6	132.7(C1) 128.7(C2) 123.0(C3) 135.1(C4) 130.4(C5) 123.9(C6) 123.6(CF ₃) $^1J(\text{F},\text{C})=272.6$ $^2J(\text{F},\text{C1})=33.0$ $^3J(\text{F},\text{C2})=3.9$ $^3J(\text{F},\text{C6})=3.8$ $^5J(\text{F},\text{C4})=1.2$	77New
$\text{C}_7\text{H}_4\text{BrF}_3$		C_6D_6	129.8(C1) 126.8(C2/6) 132.1(C3/5) 126.6(C4) 124.2(CF ₃)	77New

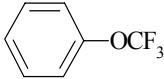
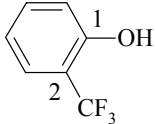
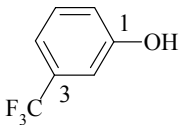
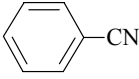
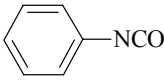
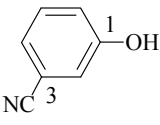
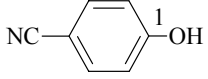
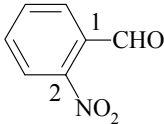
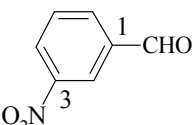
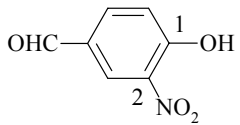
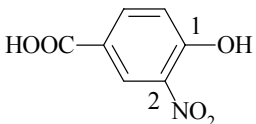
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
			$^1J(\text{F},\text{C})=272.0$ $^2J(\text{F},\text{C1})=32.9$ $^3J(\text{F},\text{C2})=3.8$ $^5J(\text{F},\text{C4})=1.6$	
$\text{C}_7\text{H}_4\text{BrN}$		CDCl_3	122.9(C1) 134.8(C2) 114.3(C3) 130.6(C4) 130.7(C5) 136.1(C6) 117.3(CN)	89Exn
$\text{C}_7\text{H}_4\text{BrN}$		CDCl_3	128.0(C1) 132.6(C2/6) 133.4(C3/5) 111.3(C4) 118.0(CN)	89Exn
$\text{C}_7\text{H}_4\text{BrN}_3$		CDCl_3	154.5(C1) 123.3(C2/6) 132.9(C3/5) 129.8(C4) 110.6(CN)	83Sim
$\text{C}_7\text{H}_4\text{BrN}_3$		CDCl_3	152.0(C1) 125.3(C2/6) 133.3(C3/5) 132.9(C4) 115.5(CN)	83Sim
$\text{C}_7\text{H}_4\text{ClFO}$		CDCl_3	121.8(C1) 161.4(C2) 117.3(C3) 137.1(C4) 134.1(C5) 124.6(C6) 163.0(CO)	96Rae
$\text{C}_7\text{H}_4\text{ClF}_3$		C_6D_6	128.5(C1) 132.4(C2) 131.4(C3) 132.9(C4) 126.7(C5) 127.5(C6) 123.4(CF ₃)	77New
			$^1J(\text{F},\text{C})=272.6$ $^2J(\text{F},\text{C1})=31.3$ $^3J(\text{F},\text{C2})=2.0$ $^3J(\text{F},\text{C6})=5.3$ $^5J(\text{F},\text{C4})=1.1$	
$\text{C}_7\text{H}_4\text{ClF}_3$		C_6D_6	129.4(C1) 126.7(C2/6) 129.1(C3/5) 138.4(C4) 124.2(CF ₃)	77New
			$^1J(\text{F}_3,\text{C})=271.7$ $^2J(\text{F},\text{C1})=33.0$ $^3J(\text{F},\text{C2})=3.8$ $^5J(\text{F},\text{C4})=1.6$	
$\text{C}_7\text{H}_4\text{ClF}_3\text{O}$		C_6D_6	151.8(C1) 123.9(C2) 129.7(C3) 118.2(C4) 131.1(C5) 113.6(C6) 123.9(CF ₃)	77New
			$^1J(\text{F},\text{C})=272.0$ $^2J(\text{F},\text{C5})=33.1$ $^3J(\text{F},\text{C4})=3.9$ $^3J(\text{F},\text{C6})=3.9$ $^5J(\text{F},\text{C2})=1.5$	
$\text{C}_7\text{H}_4\text{ClN}$		CDCl_3	135.3(C1) 131.9(C2) 114.0(C3) 130.3(C4) 130.5(C5) 133.2(C6) 117.4(CN)	89Exn
$\text{C}_7\text{H}_4\text{ClN}$		CDCl_3	139.6(C1) 129.7(C2/6) 133.4(C3/5) 110.8(C4) 117.9(CN)	89Exn

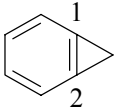
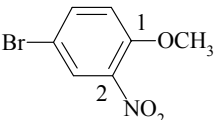
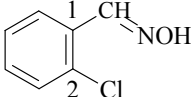
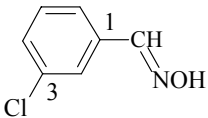
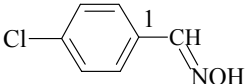
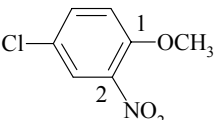
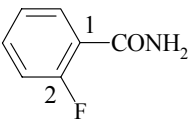
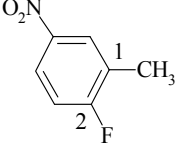
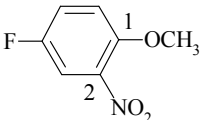
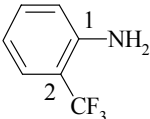
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_4\text{ClINO}_2\text{S}$		CDCl_3	145.2(C1) 130.5 ^a (C2) 114.5(C3) 138.2(C4) 130.8 ^a (C5) 131.0(C6) 116.3(CN)	89Exn
$\text{C}_7\text{H}_4\text{ClINO}_2\text{S}$		CDCl_3	147.4(C1) 127.7(C2/6) 133.6(C3/5) 119.0(C4) 116.6(CN)	89Exn
$\text{C}_7\text{H}_4\text{Cl}_2\text{O}$		CDCl_3	130.3(C1) 136.6(C2/6) 129.6(C3/5) 133.5(C4) 188.3(CHO)	72Jon
$\text{C}_7\text{H}_4\text{FN}$		CDCl_3	157.3(C1) 122.5(C2) 124.8(C3) 125.3(C4) 126.8(C5) 115.9(C6) 128.4(CN)	96Rae
$\text{C}_7\text{H}_4\text{FN}$		CDCl_3	162.3(C1) 119.2(C2) 114.0(C3) 128.2(C4) 131.2(C5) 120.5(C6) 117.5(CN) ¹ $J(\text{F}, \text{C1})=250.2$ ² $J(\text{F}, \text{C2})=24.5$ ² $J(\text{F}, \text{C6})=21.0$ ³ $J(\text{F}, \text{C3})=9.2$ ³ $J(\text{F}, \text{C5})=8.3$ ⁴ $J(\text{F}, \text{C4})=3.6$ ⁴ $J(\text{F}, \text{CN})=3.2$	89Exn
$\text{C}_7\text{H}_4\text{FN}$		CDCl_3	165.1(C1) 116.9(C2/6) 134.8(C3/5) 108.7(C4) 118.1(CN) ¹ $J(\text{F}, \text{C1})=265.5$ ² $J(\text{F}, \text{C2})=22.8$ ³ $J(\text{F}, \text{C3})=9.4$ ⁴ $J(\text{F}, \text{C4})=3.6$	89Exn
$\text{C}_7\text{H}_4\text{FNO}$		CDCl_3	163.1(C1) 101.5(C2) 124.9(C3) 133.5(C4) 135.2(C5) 116.5(C6) 114.0(NCO)	96Rae
$\text{C}_7\text{H}_4\text{FNO}_3$		DMSO 318K	131.1(C1) 158.6(C2) 121.5(C3) 134.4(C4) 119.5(C5) 146.8(C6) n.r.(CHO)	75Ste
$\text{C}_7\text{H}_4\text{FNO}_3$		DMSO 318K	132.6(C1) 114.9(C2) 161.8(C3) 119.1(C4) 126.2(C5) 143.2(C6) n.r.(CHO)	75Ste

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_4\text{FNO}_3$		DMSO 318K	126.4(C1) 132.4(C2) 120.5(C3) 163.8(C4) 112.0(C5) 150.2(C6) n.r.(CHO)	75Ste
$\text{C}_7\text{H}_4\text{FNS}$		CDCl_3	158.4(C1) 120.3(C2) 124.7(C3) 126.4(C4) 128.3(C5) 116.3(C6) 140.9(CS)	96Rae
$\text{C}_7\text{H}_4\text{F}_3\text{I}$		C_6D_6	133.5(C1) 91.1(C2) 142.1(C3) 132.9(C4) 128.0(C5) 127.5(C6) 123.1(CF ₃) $^1J(\text{F},\text{C})=273.8$ $^2J(\text{F},\text{C1})=30.8$ $^3J(\text{F},\text{C2})=2.0$ $^3J(\text{F},\text{C6})=5.6$ $^5J(\text{F},\text{C4})=1.0$	77New
$\text{C}_7\text{H}_4\text{F}_3\text{I}$		C_6D_6	132.5(C1) 134.4(C2) 94.3(C3) 141.0(C4) 130.4(C5) 124.5(C6) 123.3(CF ₃) $^1J(\text{F},\text{C})=272.9$ $^2J(\text{F},\text{C1})=32.8$ $^3J(\text{F},\text{C2})=3.9$ $^3J(\text{F},\text{C6})=3.8$ $^5J(\text{F},\text{C4})=1.3$	77New
$\text{C}_7\text{H}_4\text{F}_3\text{NO}_2$		C_6D_6	123.2(C1) 148.1(C2) 125.0(C3) 133.5(C4) 132.9(C5) 127.9(C6) 122.6(CF ₃) $^1J(\text{F},\text{C})=272.9$ $^2J(\text{F},\text{C1})=33.9$ $^3J(\text{F},\text{C6})=5.3$ $^5J(\text{F},\text{C4})=1.0$	77New
$\text{C}_7\text{H}_4\text{F}_3\text{NO}_2$		C_6D_6	132.1(C1) 120.5(C2) 148.5(C3) 126.7(C4) 130.7(C5) 131.1(C6) 123.3(CF ₃) $^1J(\text{F},\text{C})=272.4$ $^2J(\text{F},\text{C1})=34.0$ $^3J(\text{F},\text{C2})=4.0$ $^3J(\text{F},\text{C6})=3.6$ $^5J(\text{F},\text{C4})=1.1$	77New
$\text{C}_7\text{H}_4\text{F}_4$		CDCl_3	118.7(C1) 160.2(C2) 116.8(C3) 134.1(C4) 124.2(C5) 127.1(C6) 123.4(CF ₃) $^1J(\text{F},\text{C})=271.5$ $^2J(\text{F},\text{C1})=32.8$ $^3J(\text{F},\text{C2})=2.3$ $^3J(\text{F},\text{C6})=4.7$ $^5J(\text{F},\text{C4})=1.0$	77New
$\text{C}_7\text{H}_4\text{F}_4$		C_6D_6	133.1(C1) 112.8(C2) 163.0(C3) 118.8(C4) 130.8(C5) 121.0(C6) 123.9(CF ₃) $^1J(\text{F},\text{C})=271.7$ $^2J(\text{F},\text{C1})=33.3$ $^3J(\text{F},\text{C2})=3.9$ $^3J(\text{F},\text{C6})=3.8$ $^5J(\text{F},\text{C4})=1.2$	77New
$\text{C}_7\text{H}_4\text{F}_4$		CDCl_3	125.9(C1) 127.7(C2/6) 115.9(C3/5) 165.0(C4) 124.4(CF ₃)	77New

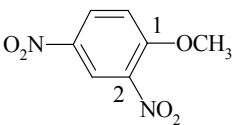
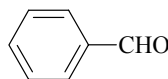
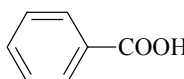
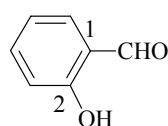
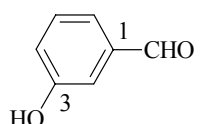
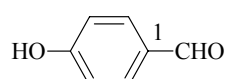
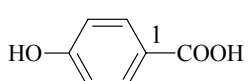
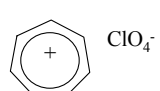
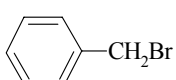
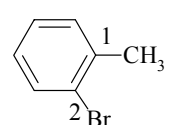
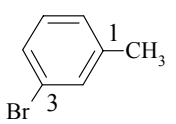
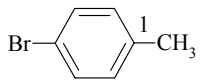
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
			$^1J(\text{F},\text{C})=271.1$ $^2J(\text{F},\text{C1})=33.0$ $^3J(\text{F},\text{C2})=3.8$ $^5J(\text{F},\text{C4})=1.4$	
$\text{C}_7\text{H}_4\text{IN}$		CDCl_3	93.8(C1) 140.4(C2) 114.2(C3) 130.5(C4) 131.2(C5) 141.9(C6) 117.0(CN)	89Exn
$\text{C}_7\text{H}_4\text{IN}$		CDCl_3	100.2(C1) 138.5(C2/6) 133.1(C3/5) 111.8(C4) 118.2(CN)	89Exn
$\text{C}_7\text{H}_4\text{N}_2\text{O}_2$		CDCl_3 / DMSO-d_6	108.5(C1) 150.3(C2) 125.9(C3) 134.7 ^a (C4) 135.7(C5) 134.1 ^a (C6) 115.3(CN)	92Ras
$\text{C}_7\text{H}_4\text{N}_2\text{O}_2$		CDCl_3	114.2(C1) 127.2(C2) 148.2(C3) 127.5(C4) 130.7(C5) 137.6(C6) 116.5(CN)	89Exn
$\text{C}_7\text{H}_4\text{N}_2\text{O}_2$		CDCl_3	118.4(C1) 133.5(C2/6) 124.3(C3/5) 150.1(C4) 116.8(CN)	89Exn
$\text{C}_7\text{H}_4\text{N}_2\text{O}_3$		DMSO	155.6(C1) 137.5(C2) 130.2(C3) 101.5(C4) 137.9(C5) 120.3(C6) n.r.(CN)	87Hut
$\text{C}_7\text{H}_5\text{BrO}$		CDCl_3	138.0(C1) 132.3(C2) 123.3(C3) 137.2(C4) 130.5(C5) 128.3(C6) n.r.(CHO)	86Bro
$\text{C}_7\text{H}_5\text{BrOSe}$		CDCl_3	144.0(C1) 132.9(C2) 133.9(C3) 126.2(C4) 135.4(C5) 130.1(C6) 192.2(CHO)	83Lla
$\text{C}_7\text{H}_5\text{ClF}_3\text{N}$		C_6D_6	143.5(C1) 114.5(C2) 126.1(C3) 122.2(C4) 132.8(C5) 118.6(C6) 124.5(CF ₃) $^1J(\text{F},\text{C})=272.3$ $^2J(\text{F},\text{C2})=30.6$ $^3J(\text{F},\text{C1})=2.0$ $^3J(\text{F},\text{C3})=5.4$ $^5J(\text{F},\text{C5})=1.1$	77New
$\text{C}_7\text{H}_5\text{ClF}_3\text{N}$		C_6D_6	143.6(C1) 122.3(C2) 129.8(C3) 115.1(C4) 130.0(C5) 112.0(C6) 124.3(CF ₃) $^1J(\text{F},\text{C})=272.0$ $^2J(\text{F},\text{C5})=32.4$ $^3J(\text{F},\text{C4})=4.0$ $^3J(\text{F},\text{C6})=3.9$ $^5J(\text{F},\text{C2})=1.7$	77New

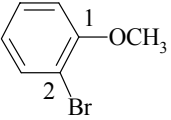
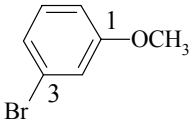
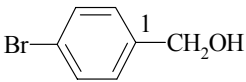
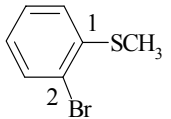
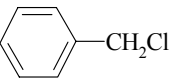
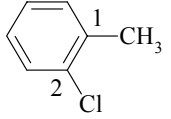
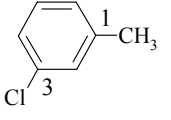
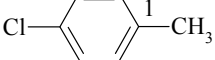
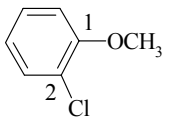
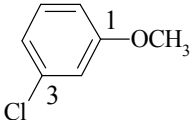
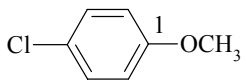
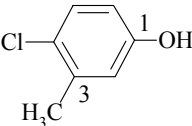
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_5\text{ClO}$		CDCl_3	133.1(C1) 131.3(C2/6) 128.9(C3/5) 135.3(C4) 168.0(CO)	72Jon
$\text{C}_7\text{H}_5\text{ClO}$		CDCl_3	137.8(C1) 129.2(C2) 135.4(C3) 134.3(C4) 130.2(C5) 127.9(C6) n.r.(CHO)	86Bro
$\text{C}_7\text{H}_5\text{ClOSe}$		CDCl_3	148.8(C1) 132.6(C2) 133.4(C3) 126.0(C4) 135.5(C5) 127.3(C6) 192.0(CHO)	83Lla
$\text{C}_7\text{H}_5\text{Cl}_3$		Neat	143.9(C1) 125.3(C2/6) 128.1(C3/5) 130.1(C4) n.r.(CCl3)	81Fre
$\text{C}_7\text{H}_5\text{FO}$		CCl_4	124.2(C1) 130.1(C2/6) 127.8(C3/5) 133.8(C4) n.r.(CO)	76For
$\text{C}_7\text{H}_5\text{FO}$		CDCl_3	124.2(C1) 164.7(C2) 116.5(C3) 136.4(C4) 124.7(C5) 128.7(C6) 187.0(CHO)	96Rae
$\text{C}_7\text{H}_5\text{FO}$		DMSO 318K	138.2(C1) 114.6(C2) 162.6(C3) 120.9(C4) 131.0(C5) 125.5(C6) n.r.(CHO)	75Ste
$\text{C}_7\text{H}_5\text{FO}$		DMSO 318K	132.3(C1) 132.1(C2/6) 116.0(C3/5) 165.6(C4) n.r.(CHO)	75Ste
$\text{C}_7\text{H}_5\text{FO}_2$		CDCl_3	117.7(C1) 162.6(C2) 117.1(C3) 135.6(C4) 124.1(C5) 132.7(C6) 170.0(CO)	96Rae
$\text{C}_7\text{H}_5\text{FO}_2$		DMSO 318K	131.3(C1) 114.2(C2) 160.7(C3) 117.8(C4) 129.3(C5) 123.9(C6) n.r.(CO)	75Ste
$\text{C}_7\text{H}_5\text{FO}_2$		DMSO 318K	126.8(C1) 131.3(C2/6) 114.9(C3/5) 164.3(C4) n.r.(CO)	75Ste
$\text{C}_7\text{H}_5\text{F}_3$		CDCl_3	130.8(C1) 125.4(C2/6) 128.9(C3/5) 131.9(C4) 124.5(CF3) $^1J(\text{F},\text{C})=272.1$ $^2J(\text{F},\text{C1})=32.2$ $^3J(\text{F},\text{C2})=3.9$ $^5J(\text{F},\text{C4})=1.3$	76Dod

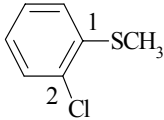
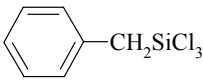
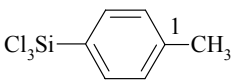
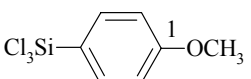
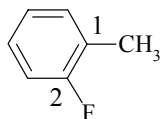
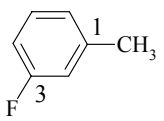
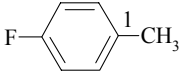
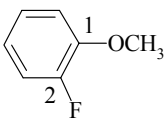
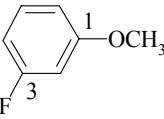
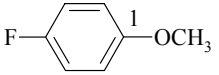
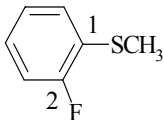
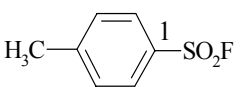
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_5\text{F}_3\text{O}$		CDCl_3	149.4(C1) 121.0(C2/6) 129.8(C3/5) 126.8(C4) 120.6(OCF ₃) $^1J(\text{F},\text{C})=256.9$	88New
$\text{C}_7\text{H}_5\text{F}_3\text{O}$		CDCl_3	153.4(C1) 116.6(C2) 126.7(C3) 120.5(C4) 133.4(C5) 117.4(C6) 124.1(CF ₃) $^1J(\text{F},\text{C})=271.9$ $^2J(\text{F},\text{C}2)=30.5$ $^3J(\text{F},\text{C}1)=2.0$ $^3J(\text{F},\text{C}3)=5.0$ $^5J(\text{F},\text{C}5)=1.2$	77New
$\text{C}_7\text{H}_5\text{F}_3\text{O}$		C_6D_6	155.1(C1) 112.4(C2) 132.2(C3) 118.2(C4) 130.5(C5) 118.9(C6) 124.2(CF ₃) $^1J(\text{F},\text{C})=272.1$ $^2J(\text{F},\text{C}3)=32.4$ $^3J(\text{F},\text{C}2)=3.9$ $^5J(\text{F},\text{C}4)=3.9$ $^5J(\text{F},\text{C}6)=1.2$	77New
$\text{C}_7\text{H}_5\text{N}$		CDCl_3	112.4(C1) 132.1(C2/6) 129.1(C3/5) 132.8(C4) 118.8(CN)	89Exn
$\text{C}_7\text{H}_5\text{NO}$		CDCl_3	133.6(C1) 124.7(C2/6) 129.5(C3/5) 125.7(C4) 129.5(CO)	72Jon
$\text{C}_7\text{H}_5\text{NO}$		CDCl_3 / $\text{DMSO}-d_6$	156.4(C1) 118.8(C2) 112.5(C3) 124.5(C4) 130.7(C5) 121.0(C6) 118.6(CN)	89Exn
$\text{C}_7\text{H}_5\text{NO}$		CDCl_3 / $\text{DMSO}-d_6$	161.6(C1) 116.5(C2/6) 133.8(C3/5) 101.8(C4) 119.6(CN)	89Exn
$\text{C}_7\text{H}_5\text{NO}_3$		CDCl_3 / $\text{DMSO}-d_6$	131.3(C1) 149.5(C2) 124.5(C3) 134.2 ^a (C4) 134.3 ^a (C5) 129.9(C6) 191.2(CHO)	92Ras
$\text{C}_7\text{H}_5\text{NO}_3$		CDCl_3	148.5(C1) 124.4(C2) 137.4(C3) 134.6(C4) 130.4(C5) 128.5(C6) n.r.(CHO)	86Bro
$\text{C}_7\text{H}_5\text{NO}_4$		DMSO	157.1(C1) 137.2(C2) 128.3(C3) 128.0(C4) 134.6(C5) 120.0(C6) n.r.(CHO)	87Hut
$\text{C}_7\text{H}_5\text{NO}_5$		DMSO	156.0(C1) 136.6(C2) 127.2(C3) 122.1(C4) 135.9(C5) 119.6(C6) n.r.(CO)	87Hut

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
C_7H_6		$\text{CCl}_4/\text{CDCl}_3$	125.4(C1/2) 114.7(C3/6) 128.8(C4/5) 18.4(CH_2) $^1J(\text{C3},\text{H3})=168.5$ $^1J(\text{C4},\text{H4})=159.0$ $^1J(\text{CH}_2)=170.0$	73Gün
$\text{C}_7\text{H}_6\text{BrNO}_3$		CDCl_3	152.2(C1) 140.0(C2) 128.3(C3) 111.8(C4) 137.0(C5) 115.3(C6) 56.8(OCH_3)	92Zee
$\text{C}_7\text{H}_6\text{ClNO}$		CDCl_3	129.8(C1) 134.0(C2) 129.9(C3) 131.0(C4) 127.0(C5) 127.2(C6) 147.5($\text{C}=\text{N}$)	79Dan
$\text{C}_7\text{H}_6\text{ClNO}$		CDCl_3	133.9(C1) 127.1(C2) 135.0(C3) 130.2(C4) 130.2(C5) 125.3(C6) 149.3($\text{C}=\text{N}$)	79Dan
$\text{C}_7\text{H}_6\text{ClNO}$		CDCl_3	130.4(C1) 128.2(C2/6) 129.1(C3/5) 136.0(C4) 149.2($\text{C}=\text{N}$)	79Dan
$\text{C}_7\text{H}_6\text{ClNO}_3$		CDCl_3	151.7(C1) 139.7(C2) 125.5(C3) 125.2(C4) 134.0(C5) 114.9(C6) 56.8(OCH_3)	92Zee
$\text{C}_7\text{H}_6\text{FNO}$		CDCl_3	120.2(C1) 160.9(C2) 116.0(C3) 133.8(C4) 124.7(C5) 132.1(C6) 165.2(CO)	96Rae
$\text{C}_7\text{H}_6\text{FNO}_2$		DMSO 318K	124.8(C1) 161.3(C2) 114.7(C3) 121.5(C4) 141.3(C5) 124.8(C6) n.r.(CH_3)	75Ste
$\text{C}_7\text{H}_6\text{FNO}_3$		CDCl_3	149.8(C1) 139.3(C2) 112.8(C3) 155.2(C4) 121.2(C5) 115.1(C6) 57.1(OCH_3) $^1J(\text{F},\text{C4})=244$ $^2J(\text{F},\text{C3})=27$ $^2J(\text{F},\text{C5})=23$ $^3J(\text{F},\text{C2})=7$ $^3J(\text{F},\text{C6})=7$ $^4J(\text{F},\text{C1})=3$	92Zee
$\text{C}_7\text{H}_6\text{F}_3\text{N}$		C_6D_6	145.0(C1) 113.7(C2) 126.5(C3) 117.6(C4) 133.0(C5) 117.3(C6) 125.7(CF_3) $^1J(\text{F},\text{C})=271.8$ $^2J(\text{F},\text{C2})=29.7$ $^3J(\text{F},\text{C1})=1.9$ $^3J(\text{F},\text{C3})=5.3$ $^5J(\text{F},\text{C5})=1.1$	77New

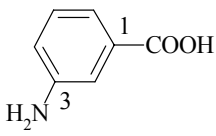
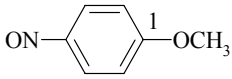
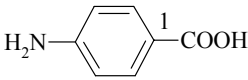
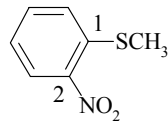
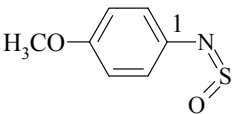
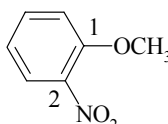
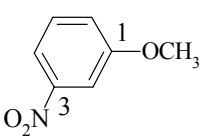
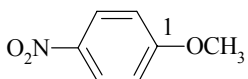
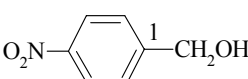
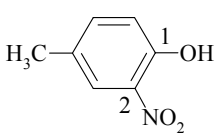
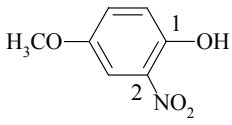
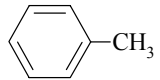
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_6\text{F}_3\text{N}$		CDCl_3	147.5(C1) 111.2(C2) 131.5(C3) 114.7(C4) 129.9(C5) 118.2(C6) 124.9(CF ₃) $^1J(\text{F},\text{C})=272.0$ $^2J(\text{F},\text{C}3)=31.6$ $^3J(\text{F},\text{C}2)=3.9$ $^3J(\text{F},\text{C}4)=4.0$ $^5J(\text{F},\text{C}6)=1.3$	77New
$\text{C}_7\text{H}_6\text{F}_3\text{N}$		CDCl_3	149.4(C1) 114.0(C2/6) 126.5(C3/5) 119.8(C4) 124.8(CF ₃) $^1J(\text{F},\text{C})=270.3$ $^2J(\text{F},\text{C}4)=32.5$ $^3J(\text{F},\text{C}3)=3.8$	77New
$\text{C}_7\text{H}_6\text{INO}_3$		CDCl_3	152.6(C1) 140.0(C2) 133.5(C3) 80.6(C4) 142.8(C5) 115.8(C6) 56.6(OCH ₃)	92Zee
$\text{C}_7\text{H}_6\text{N}_2$		CDCl_3	147.0(C1) 117.4(C2) 112.9(C3) 121.9(C4) 130.0(C5) 119.2(C6) 119.2(CN)	89Exn
$\text{C}_7\text{H}_6\text{N}_2$		CDCl_3	150.5(C1) 114.4(C2/6) 133.8(C3/5) 100.2(C4) 120.1(CN)	89Exn
$\text{C}_7\text{H}_6\text{N}_2\text{O}_3$		DMSO-d_6	127.9(C1) 148.5(C2) 125.5(C3) 131.1(C4) 134.5(C5) 129.3(C6) 145.6(C=N)	79Dan
$\text{C}_7\text{H}_6\text{N}_2\text{O}_3$		DMSO-d_6	135.8(C1) 121.6(C2) 149.0(C3) 124.1(C4) 131.9(C5) 133.3(C6) 147.5(C=N)	79Dan
$\text{C}_7\text{H}_6\text{N}_2\text{O}_3$		DMSO-d_6	139.4(C1) 127.4(C2/6) 123.9(C3/5) 147.9(C4) 146.9(C=N)	79Dan
$\text{C}_7\text{H}_6\text{N}_2\text{O}_3$		CDCl_3 / DMSO-d_6	128.5(C1) 147.2(C2) 123.8(C3) 130.5(C4) 133.2(C5) 128.7(C6) 167.1(CO)	92Ras
$\text{C}_7\text{H}_6\text{N}_2\text{O}_2\text{S}$		CDCl_3 / DMSO-d_6	145.2(C1) 129.8 ^a (C2) 112.8(C3) 134.9(C4) 129.9 ^a (C5) 130.3 ^a (C6) 117.5(CN)	89Exn
$\text{C}_7\text{H}_6\text{N}_2\text{O}_2\text{S}$		CDCl_3 / DMSO-d_6	148.0(C1) 126.8(C2/6) 132.6(C3/5) 115.1(C4) 117.6(CN)	89Exn

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_6\text{N}_2\text{O}_5$		CDCl_3	157.0(C1) 139.3 ^a (C2) 122.2(C3) 140.7 ^a (C4) 129.8(C5) 114.7(C6) 58.8(OCH_3)	74Buc
$\text{C}_7\text{H}_6\text{O}$		CDCl_3	136.6(C1) 129.4(C2/6) 128.7(C3/5) 133.9(C4) n.r.(CHO)	89Bie
$\text{C}_7\text{H}_6\text{O}_2$		CDCl_3	129.4(C1) 130.2(C2/6) 128.4(C3/5) 133.7(C4) n.r.(CO)	89Bie
$\text{C}_7\text{H}_6\text{O}_2$		Dioxane	121.0(C1) 161.4(C2) 117.4 ^a (C3) 136.6 ^b (C4) 119.6 ^a (C5) 133.6 ^b (C6) 196.7(CHO)	72Jon
$\text{C}_7\text{H}_6\text{O}_2$		CDCl_3	137.8(C1) 114.7(C2) 157.9(C3) 121.8(C4) 130.3(C5) 121.2(C6) n.r.(CHO)	80New
$\text{C}_7\text{H}_6\text{O}_2$		DMSO	128.7(C1) 132.3(C2/6) 116.1(C3/5) 163.5(C4) n.r.(CHO)	87Hut
$\text{C}_7\text{H}_6\text{O}_3$		DMSO	121.9(C1) 132.2(C2/6) 115.7(C3/5) 162.1(C4) n.r.(CO)	87Hut
C_7H_7		CD_3CN	156.2(C1-7)	80Tak
$\text{C}_7\text{H}_7\text{Br}$		n.r.	137.8(C1) 129.0(C2/6) 128.6(C3/5) 129.0(C4) 33.4(CH_2)	77Sha1
$\text{C}_7\text{H}_7\text{Br}$		CDCl_3	138.0(C1) 125.1(C2) 132.6(C3) 127.3(C4) 127.3(C5) 130.9(C6) 22.7(CH_3)	76Smi
$\text{C}_7\text{H}_7\text{Br}$		CDCl_3	140.1(C1) 132.1(C2) 122.3(C3) 128.5(C4) 129.7(C5) 127.7(C6) 21.1(CH_3)	76Ina
$\text{C}_7\text{H}_7\text{Br}$		CDCl_3	136.5(C1) 130.6(C2/6) 131.2(C3/5) 119.0(C4) 20.8(CH_3)	76Ina

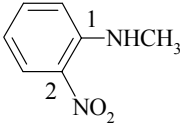
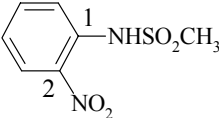
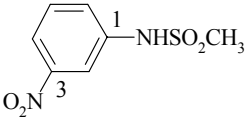
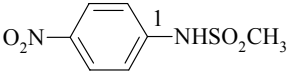
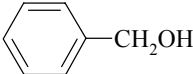
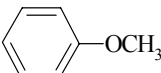
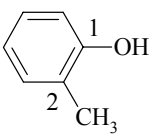
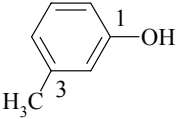
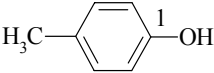
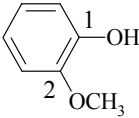
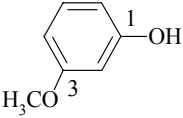
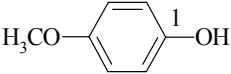
Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_7\text{BrO}$		CCl_4	155.7(C1) 111.8(C2) 133.1(C3) 121.4(C4) 128.1(C5) 111.7(C6) n.r.(OCH ₃)	89Bie
$\text{C}_7\text{H}_7\text{BrO}$		DMSO	161.7(C1) 118.2(C2) 123.5(C3) 124.5(C4) 132.1(C5) 114.2(C6) n.r.(OCH ₃)	71Miy
$\text{C}_7\text{H}_7\text{BrO}$		n.r.	139.8(C1) 128.5(C2/6) 131.5(C3/5) 121.3(C4) 64.3(CH ₂) n.r.(CH ₃)	77Sha1
$\text{C}_7\text{H}_7\text{BrS}$		CDCl_3	139.5(C1) 121.5(C2) 132.4(C3) 125.2 ^a (C4) 125.5 ^a (C5) 127.6(C6) 15.6(SCH ₃)	00Per
$\text{C}_7\text{H}_7\text{Cl}$		n.r.	137.5(C1) 128.6(C2/6) 128.5(C3/5) 128.3(C4) 46.2(CH ₂)	77Sha1
$\text{C}_7\text{H}_7\text{Cl}$		CDCl_3	135.9(C1) 134.4(C2) 129.0 ^a (C3) 126.4 ^b (C4) 127.0 ^b (C5) 130.9 ^a (C6) 19.9(CH ₃)	72Jon
$\text{C}_7\text{H}_7\text{Cl}$		CDCl_3	139.7(C1) 129.1 ^a (C2) 134.0(C3) 125.5 ^b (C4) 129.3 ^a (C5) 127.1 ^b (C6) 21.0(CH ₃)	72Jon
$\text{C}_7\text{H}_7\text{Cl}$		CDCl_3	136.2(C1) 130.4(C2/6) 128.3(C3/5) 131.2(C4) 20.7(CH ₃)	72Jon
$\text{C}_7\text{H}_7\text{ClO}$		CCl_4	155.1(C1) 122.6(C2) 130.1(C3) 121.0(C4) 127.5(C5) 111.8(C6) n.r.(OCH ₃)	89Bie
$\text{C}_7\text{H}_7\text{ClO}$		CDCl_3	160.3(C1) 114.2(C2) 134.8(C3) 120.8(C4) 130.2(C5) 112.5(C6) n.r.(OCH ₃)	86Bro
$\text{C}_7\text{H}_7\text{ClO}$		CDCl_3	158.2(C1) 115.2(C2/6) 129.2(C3/5) 125.4(C4) 55.3(OCH ₃)	72Jon
$\text{C}_7\text{H}_7\text{ClO}$		CDCl_3	153.3(C1) 117.8 ^a (C2) 137.5(C3) 126.3(C4) 129.8(C5) 114.1 ^a (C6) 19.9(CH ₃)	72Jon

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_7\text{ClS}$		CDCl_3	137.7(C1) 131.7(C2) 129.3(C3) 125.5(C4) 125.5(C5) 127.1(C6) 15.1(SCH_3)	00Per
$\text{C}_7\text{H}_7\text{Cl}_3\text{Si}$		Neat	131.1(C1) 128.5(C2/6) 128.5(C3/5) 126.0(C4) 32.6(CH_2)	75Ngu
$\text{C}_7\text{H}_7\text{Cl}_3\text{Si}$		n.r.	141.4(C1) 127.6(C2) 131.2(C3) 127.6(C4) 20.4(CH_3)	75Sch
$\text{C}_7\text{H}_7\text{Cl}_3\text{OSi}$		n.r.	162.1(C1) 113.1(C2/6) 133.8(C3/5) 121.0(C4) 54.1(OCH_3)	75Sch
$\text{C}_7\text{H}_7\text{F}$		CDCl_3	124.8(C1) 161.5(C2) 115.0(C3) 127.3(C4) 123.8(C5) 131.5(C6) 14.5(CH_3)	76Smi
$\text{C}_7\text{H}_7\text{F}$		CDCl_3	140.5(C1) 116.0(C2) 163.0(C3) 112.3(C4) 129.6(C5) 124.8(C6) 21.3(CH_3)	76Ina
$\text{C}_7\text{H}_7\text{F}$		CDCl_3	133.4(C1) 130.3(C2/6) 115.0(C3/5) 161.2(C4) 20.6(CH_3)	76Ina
$\text{C}_7\text{H}_7\text{FO}$		CDCl_3	147.8(C1) 152.1(C2) 116.1(C3) 120.9(C4) 124.4(C5) 113.6(C6) 56.1(OCH_3)	96Rae
$\text{C}_7\text{H}_7\text{FO}$		DMSO 318K	159.8(C1) 100.6(C2) 160.1(C3) 106.4(C4) 130.0(C5) 109.6(C6) n.r.(OCH_3)	75Ste
$\text{C}_7\text{H}_7\text{FO}$		CDCl_3	156.0(C1) 114.9(C2/6) 115.8(C3/5) 157.4(C4) 55.5(OCH_3) $^1J(\text{F}, \text{C4})=237.6$ $^2J(\text{F}, \text{C3})=22.8$ $^3J(\text{F}, \text{C2})=7.8$ $^4J(\text{F}, \text{C4})=1.7$	72Jon
$\text{C}_7\text{H}_7\text{FS}$		CDCl_3	125.4(C1) 160.1(C2) 115.0(C3) 126.7(C4) 124.4(C5) 128.3(C6) 15.2(SCH_3)	00Per
$\text{C}_7\text{H}_7\text{FSO}_2$		CDCl_3	130.0(C1) 128.4(C2/6) 130.5(C3/5) 147.5(C4) 21.8(CH_3)	88New

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
			$^2J(\text{F},\text{C1})=24.2$	
$\text{C}_7\text{H}_7\text{F}_3\text{Si}$		Neat	131.0(C1) 128.4(C2/6) 128.4(C3/5) 125.8(C4) 15.3(CH ₂)	75Ngu
$\text{C}_7\text{H}_7\text{I}$		CDCl_3	141.5(C1) 101.1(C2) 139.2(C3) 127.4(C4) 128.2(C5) 129.8(C6) 28.1(CH ₃)	76Smi
$\text{C}_7\text{H}_7\text{I}$		CDCl_3	140.0(C1) 137.8(C2) 94.3(C3) 134.3(C4) 129.7(C5) 128.1(C6) n.r.(CH ₃)	81Bai
$\text{C}_7\text{H}_7\text{I}$		CDCl_3	137.1(C1) 131.0(C2/6) 137.1(C3/5) 90.1(C4) 20.9(CH ₃)	72Jon
$\text{C}_7\text{H}_7\text{IO}$		CCl_4	157.7(C1) 86.0(C2) 139.1(C3) 122.0(C4) 129.0(C5) 110.5(C6) n.r.(OCH ₃)	89Bie
$\text{C}_7\text{H}_7\text{IO}$		CDCl_3	159.3(C1) 116.2(C2/6) 138.0(C3/5) 82.6(C4) 55.1(OCH ₃)	72Jon
$\text{C}_7\text{H}_7\text{NO}$		CDCl_3	132.0(C1) 127.1(C2/6) 128.9(C3/5) 130.2(C4) 150.6(C=N)	79Dan
$\text{C}_7\text{H}_7\text{NO}$		Ac-d_6	148.3(C1) 130.6(C2/6) 121.5(C3/5) 166.6(C4) 21.8(CH ₃)	79Cox
$\text{C}_7\text{H}_7\text{NOS}$		CDCl_3	141.2(C1) 127.3(C2/6) 129.7(C3/5) 140.8(C4) 21.6(CH ₃)	76Kre
$\text{C}_7\text{H}_7\text{NO}_2$		$\text{CDCl}_3/\text{DMSO-d}_6$	133.8(C1) 149.7(C2) 124.9(C3) 127.2(C4) 133.2(C5) 133.0(C6) 20.5(CH ₃)	92Ras
$\text{C}_7\text{H}_7\text{NO}_2$		CDCl_3	139.9(C1) 123.7(C2) 148.3(C3) 120.6(C4) 129.1(C5) 135.3(C6) 21.1(CH ₃)	76Ina
$\text{C}_7\text{H}_7\text{NO}_2$		CDCl_3	146.2(C1) 130.0(C2/6) 123.5(C3/5) 146.2(C4) 21.5(CH ₃)	76Ina

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_7\text{NO}_2$		CDCl_3 / DMSO-d_6	131.8(C1) 116.0(C2) 146.6(C3) 119.2(C4) 129.0(C5) 119.7(C6) 168.7(CO)	91Bud
$\text{C}_7\text{H}_7\text{NO}_2$		Ac-d_6	165.4(C1) 113.7(C2/6) 124.1(C3/5) 163.8(C4) 55.9(OCH_3)	79Cox
$\text{C}_7\text{H}_7\text{NO}_2$		CDCl_3 / DMSO-d_6	119.5(C1) 131.8(C2/6) 113.7(C3/5) 151.3(C4) 168.9(CO)	91Bud
$\text{C}_7\text{H}_7\text{NO}_2\text{S}$		CDCl_3	134.5(C1) 139.2(C2) 126.0(C3) 124.1(C4) 133.6(C5) 125.6(C6) 15.8(SCH_3)	00Per
$\text{C}_7\text{H}_7\text{NO}_2\text{S}$		CDCl_3	137.4(C1) 129.5(C2/6) 114.2(C3/5) 161.0(C4) 55.4(OCH_3)	76Kre
$\text{C}_7\text{H}_7\text{NO}_3$		CDCl_3	152.6(C1) 131.9(C2) 125.7(C3) 120.5(C4) 134.2(C5) 115.0(C6) 54.8(OCH_3)	92Zee
$\text{C}_7\text{H}_7\text{NO}_3$		DMSO	160.9(C1) 109.2(C2) 149.8(C3) 116.0(C4) 131.0(C5) 121.7(C6) n.r.(OCH_3)	71Miy
$\text{C}_7\text{H}_7\text{NO}_3$		CDCl_3	164.7(C1) 114.0(C2/6) 125.7(C3/5) 141.5(C4) 55.9(OCH_3)	72Jon
$\text{C}_7\text{H}_7\text{NO}_3$		n.r.	149.8(C1) 127.2(C2/6) 123.6(C3/5) 147.2(C4) 63.5(CH_2)	77Sha1
$\text{C}_7\text{H}_7\text{NO}_3$		DMSO	150.4(C1) 136.0(C2) 124.6(C3) 128.8(C4) 136.4(C5) 119.2(C6) n.r.(CH_3)	87Hut
$\text{C}_7\text{H}_7\text{NO}_4$		DMSO	146.9(C1) 135.8(C2) 107.7(C3) 151.7(C4) 123.7(C5) 120.4(C6) n.r.(OCH_3)	87Hut
C_7H_8		C_6D_6	137.8(C1) 129.3(C2/6) 128.5(C3/5) 125.7(C4) 21.4(CH_3)	74Ern

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
			$^1J(\text{C2},\text{H2})=155.9$ $^1J(\text{C3},\text{H3})=157.6$ $^1J(\text{C4},\text{H4})=158.8$ $^1J(\text{CH}_3)=126.0$ $^2J(\text{C1},\text{H2})=0.5$ $^2J(\text{C2},\text{H3})=1.2$ $^2J(\text{C3},\text{H2})=1.1$ $^2J(\text{C3},\text{H4})=1.4$ $^2J(\text{C4},\text{H3})=1.1$ $^2J(\text{C4},\text{H5})=1.1$ $^2J(\text{C1},\text{CH}_3)=6.0$ $^3J(\text{C1},\text{H3})=7.6$ $^3J(\text{C2},\text{H4})=7.8$ $^3J(\text{C2},\text{H6})=6.6$ $^3J(\text{C2},\text{CH}_3)=5.0$ $^3J(\text{C3},\text{H5})=7.9$ $^3J(\text{C4},\text{H2})=7.5$ $^3J(\text{CH}_3,\text{H2})=4.6$ $^4J(\text{CH}_3,\text{H3})=0.5$ $^4J(\text{C1},\text{H4})=1.4$ $^4J(\text{C2},\text{H5})=1.4$ $^4J(\text{C3},\text{H6})=1.1$ $^5J(\text{C4},\text{CH}_3)=0.8$	75Han2
$\text{C}_7\text{H}_8\text{BrNO}_2\text{S}$		CDCl_3	134.9(C1) 115.7(C2) 132.9(C3) 126.6(C4) 128.8(C5) 122.8(C6) 40.0(CH ₃)	90Waz
$\text{C}_7\text{H}_8\text{BrNO}_2\text{S}$		CDCl_3	135.8(C1) 122.4(C2/6) 132.7(C3/5) 121.8(C4) 39.5(CH ₃)	90Waz
$\text{C}_7\text{H}_8\text{ClNO}_2\text{S}$		CDCl_3	133.7(C1) 125.2(C2) 129.7(C3) 126.2(C4) 128.2(C5) 122.6(C6) 40.0(CH ₃)	90Waz
$\text{C}_7\text{H}_8\text{ClNO}_2\text{S}$		CDCl_3	138.1(C1) 120.4(C2) 135.2(C3) 125.2(C4) 130.6(C5) 118.5(C6) 39.5(CH ₃)	90Waz
$\text{C}_7\text{H}_8\text{ClNO}_2\text{S}$		CDCl_3	135.2(C1) 122.1(C2/6) 129.8(C3/5) 131.1(C4) 39.4(CH ₃)	85Has
$\text{C}_7\text{H}_8\text{Cl}_2\text{Si}$		neat	132.2(C1) 132.4(C2/6) 127.7(C3/5) 131.0(C4) 5.1(CH ₃)	75Ngu
$\text{C}_7\text{H}_8\text{FN}$		DMSO 318K	136.2(C1) 149.2(C2) 113.8(C3) 116.0(C4) 133.2(C5) 116.0(C6)	75Ste
$\text{C}_7\text{H}_8\text{FN}$		DMSO 318K	147.7(C1) 100.0(C2) 160.8(C3) 109.4(C4) 130.9(C5) 109.6(C6) n.r.(CH ₃)	75Ste
$\text{C}_7\text{H}_8\text{N}_2\text{O}$		CDCl_3	142.2(C1) 119.0(C2/6) 129.3(C3/5) 127.1(C4) 31.1(CH ₃)	72Jon

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_8\text{N}_2\text{O}_2$		CDCl_3 / $\text{DMSO}-d_6$	146.7(C1) 136.1(C2) 127.2(C3) 115.6(C4) 136.6(C5) 113.7(C6) 30.0(CH_3)	92Ras
$\text{C}_7\text{H}_8\text{N}_2\text{O}_4\text{S}$		CDCl_3	134.3(C1) 136.2(C2) 123.6(C3) 126.5(C4) 136.2(C5) 119.8(C6) 40.8(CH_3)	90Waz
$\text{C}_7\text{H}_8\text{N}_2\text{O}_4\text{S}$		CDCl_3	139.6(C1) 113.1(C2) 148.2(C3) 117.8(C4) 130.4(C5) 125.0(C6) 39.5(CH_3)	90Waz
$\text{C}_7\text{H}_8\text{N}_2\text{O}_4\text{S}$		CDCl_3	145.9(C1) 119.1(C2/6) 126.3(C3/5) 144.4(C4) 40.7(CH_3)	85Has
$\text{C}_7\text{H}_8\text{O}$		CDCl_3	140.8(C1) 126.8(C2/6) 128.2(C3/5) 127.2(C4) 64.5(CH_2)	72Jon
$\text{C}_7\text{H}_8\text{O}$		Dioxane	160.2(C1) 114.1(C2/6) 129.5(C3/5) 120.7(C4) 54.7(OCH_3)	72Jon
$\text{C}_7\text{H}_8\text{O}$		CDCl_3	153.7(C1) 123.9(C2) 131.1(C3) 120.8(C4) 127.1(C5) 115.0(C6) 15.7(CH_3)	77Mat
$\text{C}_7\text{H}_8\text{O}$		CDCl_3	155.3(C1) 116.2(C2) 140.0(C3) 121.8(C4) 129.5(C5) 112.4(C6) 21.3(CH_3)	77Mat
$\text{C}_7\text{H}_8\text{O}$		CDCl_3	153.1(C1) 115.2(C2/6) 130.1(C3/5) 130.1(C4) 20.4(CH_3)	77Mat
$\text{C}_7\text{H}_8\text{O}_2$		CDCl_3	145.8(C1) 146.7(C2) 110.9(C3) 120.2(C4) 121.5(C5) 114.7(C6) 55.9(OCH_3)	77Mat
$\text{C}_7\text{H}_8\text{O}_2$		CDCl_3	156.7(C1) 101.7(C2) 160.8(C3) 106.6(C4) 130.3(C5) 108.1(C6) 55.6(OCH_3)	77Mat
$\text{C}_7\text{H}_8\text{O}_2$		CDCl_3	149.7(C1) 116.3(C2/6) 115.1(C3/5) 153.6(C4) 56.0(OCH_3)	77Mat

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_8\text{O}_3$		Ac-d_6	159.9(C1/3) 96.3(C2) 94.0(C4/6) 162.6(C5) 55.3(OCH_3)	78Äyr
$\text{C}_7\text{H}_8\text{S}$		CDCl_3	138.4(C1) 126.5(C2/6) 128.7(C3/5) 124.9(C4) 15.7(SCH_3)	00Per
$\text{C}_7\text{H}_8\text{S}$		CDCl_3 317K	130.6(C1) 129.9(C2) 138.5(C3) 126.3(C4) 128.8(C5) 126.2(C6) 20.9(CH_3)	78Net
$\text{C}_7\text{H}_8\text{S}$		CDCl_3 317K	126.6(C1) 129.5(C2/6) 129.9(C3/5) 134.9(C4) 20.7(CH_3)	78Net
$\text{C}_7\text{H}_9\text{N}$		DMSO-d_6	144.3(C1) 127.1(C2/6) 128.1(C3/5) 126.2(C4) 45.9(CH_2)	80Lli
$\text{C}_7\text{H}_9\text{N}$		Dioxane	150.2(C1) 112.3(C2/6) 129.2(C3/5) 116.7(C4) 30.2(CH_3)	72Jon
$\text{C}_7\text{H}_9\text{N}$		CDCl_3	143.4(C1) 126.9(C2/6) 128.3(C3/5) 126.5(C4) 46.3(CH_2)	72Jon
$\text{C}_7\text{H}_9\text{N}$		CCl_4 317K	145.2(C1) 122.2(C2) 130.4(C3) 118.3(C4) 127.0(C5) 115.0(C6) 17.0(CH_3)	78Net
$\text{C}_7\text{H}_9\text{N}$		CDCl_3	146.2(C1) 116.0(C2) 139.1(C3) 119.6(C4) 129.2(C5) 112.4(C6) 21.4(CH_3)	91Bud
$\text{C}_7\text{H}_9\text{N}$		CDCl_3	127.8(C1) 129.2(C2/6) 115.3(C3/5) 143.9(C4) 20.4(CH_3)	91Bud
$\text{C}_7\text{H}_9\text{NO}$		CCl_4	136.3(C1) 146.9(C2) 110.3(C3) 117.7(C4) 121.0(C5) 114.6(C6) n.r.(OCH_3)	89Bie
$\text{C}_7\text{H}_9\text{NO}$		CDCl_3	147.7(C1) 101.2(C2) 160.8(C3) 104.1(C4) 130.1(C5) 108.0(C6) 55.1(OCH_3)	91Bud

Gross formula	Structure	Solvent	$\delta^{13}\text{C}$ [ppm] / J [Hz]	Ref.
$\text{C}_7\text{H}_9\text{NO}$		CDCl_3	140.0(C1) 116.4(C2/6) 114.9(C3/5) 152.7(C4) 55.8(OCH_3)	91Bud
$\text{C}_7\text{H}_9\text{NO}$		CDCl_3	146.2(C1) 115.4(C2/6) 128.9(C3/5) 131.3(C4) n.r.(CH_2OH)	96Hön
$\text{C}_7\text{H}_9\text{NO}_2\text{S}$		CDCl_3	136.7(C1) 120.8(C2/6) 129.6(C3/5) 125.3(C4) 39.1(CH_3)	85Has
$\text{C}_7\text{H}_9\text{NO}_2\text{S}$		CDCl_3	147.6(C1) 112.7(C2) 141.3(C3) 116.4(C4) 130.3(C5) 119.7(C6) 44.4(CH_3)	91Bud
$\text{C}_7\text{H}_9\text{NO}_2\text{S}$		CDCl_3	151.4(C1) 114.1(C2/6) 129.4(C3/5) 128.9(C4) 45.0(CH_3)	91Bud
$\text{C}_7\text{H}_9\text{NS}$		CDCl_3	146.9(C1) 113.0(C2) 139.4(C3) 116.8(C4) 129.6(C5) 112.1(C6) 15.7(SCH_3)	91Bud
$\text{C}_7\text{H}_9\text{NS}$		CDCl_3	145.2(C1) 115.7(C2/6) 131.2(C3/5) 125.8(C4) 18.8(SCH_3)	91Bud
$\text{C}_7\text{H}_{10}\text{Si}$		Neat	139.4(C1) 128.5 ^a (C2/6) 127.9 ^a (C3/5) 124.9(C4) 16.0(CH_2)	75Ngu