

1821
MW

C₄H₁₀O₂

3-Methoxy-1-propanol

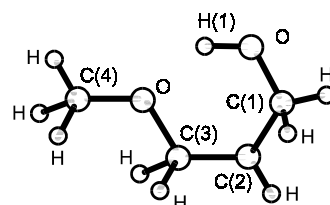
C₁
H₃C–O–CH₂–CH₂–CH₂–OH

r_0	Å	θ_0	deg
C(1)–O	1.420 ^{a)}	C(2)–C(3)–O	108.5 ^{a)}
C(3)–O	1.415 ^{a)}	O–C(1)–C(2)	112.0 ^{a)}
C(4)–O	1.415 ^{a)}	C(1)–C(2)–C(3)	112.5 ^{a)}
C–C	1.530 ^{a)}	C(3)–O–C(4)	111.8 ^{a)}
O–H	0.980 ^{a)}	H–O–C(1)	106.0 ^{a)}
C–H	1.093 ^{a)}	O–C(4)–H	109.47 ^{a)}
		C–C–H	109.47 ^{a)}
		O–C(1)–C(2)–C(3)	75(4) ^{b)}
		H–O–C(1)–C(2)	50(5) ^{b)}
		C(1)–C(2)–C(3)–O	60(4) ^{b)}

Atom	$ a_s $ [Å]	$ b_s $ [Å]	$ c_s $ [Å]
H(1)	0.2690	1.37841	0.2001

^{a)} Assumed.

^{b)} From *syn* position.



Marstokk, K.-M., Møllendal, H.: Acta Chem. Scand. **43** (1989) 715.