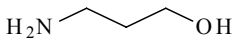
451 **C_3H_9NO** **3-Amino-1-propanol** **C_1**

ED, MW

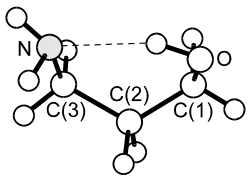


r_g	Å [a])
C–C	1.537(2)
C–O	1.425(3)
C–N	1.469(3)
C–H (average)	1.114(3)
O–H	1.045(12)
N–H	1.031 [b])

θ_α^0	deg [a])
C–C–C	113.2(3)
C–C–O	111.9(4)
C–C–N	112.0(4)
H–C–H (average)	103(1)
H–N–H	106.0 [b])
C–O–H	106(1)
φ [c])	123(2)
C–C–C–O	72.1(8)
C–C–C–N	–57(2)
τ [d])	47(2)
C–C–O–H	–47(10) [e])

The molecule was found to exist as a *gauche-gauche* conformer forming an intramolecular hydrogen bond.

The sample was vaporized at *ca*. 69 °C.



[a]) 2.6 times the estimated standard errors including a systematic error.

[b]) Assumed at the value for methylamine.

[c]) Angle between the C(3)–N bond and the line bisecting the H–N–H angle.

[d]) Dihedral angle between the C(2)C(3)N plane and the plane defined by the C(3)–N bond and the line bisecting the H–N–H angle.

[e]) Limits of error were estimated by Hamilton's method.

Iijima, K., Unno, T.: J. Mol. Struct. **445** (1998) 179.

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