

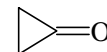
1161
MW

C₃H₄O

Cyclopropanone

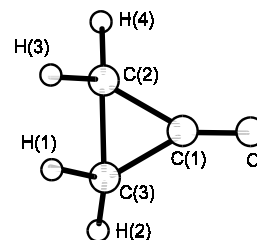
C_{2v}

r_s	Å	θ_s	deg
C(1)=O	1.191(20)	C(1)–C(2)–C(3)	57.7(4)
C(1)–C(2,3)	1.475(17)	H–C–H	114.1(20)
C(2)–C(3)	1.575(12)	C(2)–C(1)–C(3)	64.6(8)
C–H	1.086(25)	ϕ^a	29.1(20)



Atom	a_s [Å]	b_s [Å]	c_s [Å]
C(1)	0.3080	0.00	0.00
C(2)	–0.9386	–0.7876	0.00
C(3)	–0.9386	0.7876	0.00
O	1.4986	0.00	0.00
H(1)	–1.2255	1.3027	0.9114
H(2)	–1.2255	1.3027	–0.9114
H(3)	–1.2255	–1.3027	0.9114
H(4)	–1.2255	–1.3027	–0.9114

^a) Angle between (HCH) plane and C(2)–C(3).



Pochan, J.M., Baldwin, J.E., Flygare, W.H.: J. Am. Chem. Soc. **91** (1969) 1896.

See also: Pochan, J.M., Baldwin, J.E., Flygare, W.H.: J. Am. Chem. Soc. **90** (1968) 1072.