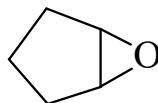




>>Entry Name: 6-Oxabicyclo[3.1.0]hexane, 9CI

Synonym(s): Cyclopentene oxide. 1,2-Epooxycyclopentane



CAS Registry Number: 285-67-6

Molecular Formula: C<sub>5</sub>H<sub>8</sub>O

Molecular Weight: 84.118

Accurate Mass: 84.057515

Percentage Composition: C 71.39%; H 9.59%; O 19.02%

Physical Description: Liq.

Boiling Point: Bp 102°

**Hazard & Toxicity:** Highly flammable, fl. p. 10°

Aldrich: 17518-8

Fluka: 29826

#### References:

*Aldrich Library of 13C and 1H FT NMR Spectra*, 1992, **1**, 376B, (*nmr*)

*Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **1**, 234D, (*ir*)

*Aldrich Library of FT-IR Spectra: Vapor Phase*, 1989, **3**, 309A, (*ir*)

Rothstein, R.B. *et al.*, *C. R. Hebd. Seances Acad. Sci.*, 1939, **209**, 761, (*synth*)

Goodman, L. *et al.*, *J.A.C.S.*, 1958, **80**, 1680, (*synth*)

Tori, K. *et al.*, *J.O.C.*, 1964, **29**, 1136, (*nmr*)

Lewis, J.P. *et al.*, *J. Chem. Phys.*, 1974, **61**, 2342, (*Raman*)

Davies, S.G. *et al.*, *J.C.S. Perkin 2*, 1975, 861, (*cmr*)

Rebek, J. *et al.*, *J.O.C.*, 1979, **44**, 1485, (*synth*)