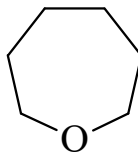




>>Entry Name: Oxepane, 9CI

Synonym(s): Oxacycloheptane. Hexahydrooxepin. Hexamethylene oxide. 1,6-Epoxyhexane



CAS Registry Number: 592-90-5

Molecular Formula: C₆H₁₂O

Molecular Weight: 100.16

Accurate Mass: 100.088815

Percentage Composition: C 71.95%; H 12.08%; O 15.97%

Physical Description: Liq.

Melting Point: Mp -63°

Boiling Point: Bp 118-119°

Refractive Index: n_D²⁰ 1.4393

References:

Schweizer, E.E. *et al.*, *J.A.C.S.*, 1960, **82**, 4085, (*synth*)

Traynelis, V.J. *et al.*, *J.O.C.*, 1964, **29**, 123, (*synth, bibl*)

Bocian, D.F. *et al.*, *J.A.C.S.*, 1977, **99**, 2866, (*conformn*)

Olah, G.A. *et al.*, *Synthesis*, 1981, 474, (*synth*)

Luger, P. *et al.*, *Acta Cryst. C*, 1991, **47**, 102, (*struct*)