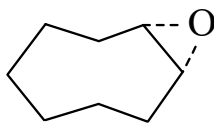




>>Entry Name: 9-Oxabicyclo[6.1.0]nonane, 9CI
Synonym(s): Cyclooctene oxide. Epoxycyclooctane



CAS Registry Number: 286-62-4
Related CAS Registry Numbers(s): 57378-33-3

Molecular Formula: C₈H₁₄O
Molecular Weight: 126.198
Accurate Mass: 126.104465
Percentage Composition: C 76.14%; H 11.18%; O 12.68%
Boiling Point: Bp₁₇ 80-85°

Aldrich: C11050-7
Fluka: 29657
Rare Chemicals Library: S3661-8

>>Variant: (1*RS*,8*SR*)-form
Synonym(s): *cis*-form

CAS Registry Number: 4925-71-7
Molecular Formula: C₈H₁₄O
Molecular Weight: 126.198
Accurate Mass: 126.104465
Percentage Composition: C 76.14%; H 11.18%; O 12.68%
Physical Description: Cryst. (petrol)
Melting Point: Mp 57.1-57.5°
Boiling Point: Bp₄₂ 95-99°

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **1**, 377A, (*nmr*)
Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 235B, (*ir*)
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 309C, (*ir*)
Agliany, C. *et al.*, *Bull. Soc. Chim. Fr.*, 1968, 4472, (*synth*)
Harrison, C.R. *et al.*, *J.C.S. Perkin 1*, 1976, 605, (*synth*)
Olah, G.A. *et al.*, *J.O.C.*, 1978, **43**, 2830, (*synth*)