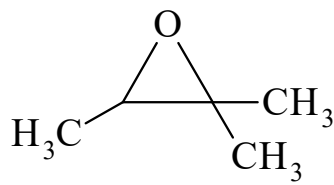




>>Entry Name: 2,2,3-Trimethyloxirane

Synonym(s): 2,3-Epoxy-2-methylbutane



CAS Registry Number: 5076-19-7

Molecular Formula: C<sub>5</sub>H<sub>10</sub>O

Molecular Weight: 86.133

Accurate Mass: 86.073165

Percentage Composition: C 69.72%; H 11.70%; O 18.58%

>>Variant: (±)-form

Molecular Formula: C<sub>5</sub>H<sub>10</sub>O

Molecular Weight: 86.133

Accurate Mass: 86.073165

Percentage Composition: C 69.72%; H 11.70%; O 18.58%

Physical Description: Liq.

Melting Point: Mp 78° (72-74°)

Refractive Index: n<sub>D</sub><sup>18</sup> 1.3885

#### References:

Winstein, S. *et al.*, *J.A.C.S.*, 1952, **74**, 1160, (*synth*)

Guss, C.O. *et al.*, *J.A.C.S.*, 1955, **77**, 2549, (*synth*)

Gerdil, R. *et al.*, *Helv. Chim. Acta*, 1994, **77**, 691, (*pmr*)