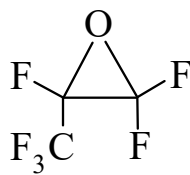




>>Entry Name: Trifluoro(trifluoromethyl)oxirane, 9CI

Synonym(s): Hexafluoropropene oxide. Perfluoropropene oxide. 1,2-Epoxy-1,1,2,3,3,3-hexafluoropropane



CAS Registry Number: 428-59-1

Molecular Formula: C₃F₆O

Molecular Weight: 166.023

Accurate Mass: 165.985333

Percentage Composition: C 21.70%; F 68.66%; O 9.64%

Aldrich: 32364-0

>>Variant: (±)-form

Molecular Formula: C₃F₆O

Molecular Weight: 166.023

Accurate Mass: 165.985333

Percentage Composition: C 21.70%; F 68.66%; O 9.64%

Use/Importance: Most important C₃ intermed. in organofluorine chemistry

Physical Description: Gas

Boiling Point: Bp₇₆₈ -27.4°

Other Data: Nonflammable

References:

Millauer, H. *et al.*, *Angew. Chem., Int. Ed.*, 1985, **24**, 161, (*rev, bibl*)