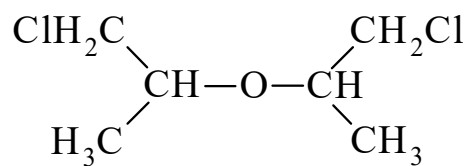




>>Entry Name: 2,2'-Oxybis[1-chloropropane], 9Cl

Synonym(s): Bis(2-chloro-1-methylethyl) ether, 8Cl. β,β' -Dichloroisopropyl ether. Bis(2-chloroisopropyl) ether. DCIP, JMAF



CAS Registry Number: 108-60-1

Related CAS Registry Numbers(s): 39638-32-9 89026-44-8 89026-45-9

Molecular Formula: $\text{C}_6\text{H}_{12}\text{Cl}_2\text{O}$

Molecular Weight: 171.066

Accurate Mass: 170.026519

Percentage Composition: C 42.13%; H 7.07%; Cl 41.45%; O 9.35%

Use/Importance: Nematocide

Physical Description: Liq.

Melting Point: Fp -20°

Boiling Point: Bp $187-188^\circ$

Density: d_{25}^{25} 1.11

Other Data: Prob. a mixt. of diastereoisomers. This compd. is freq. confused with its isomer 2,2'-Oxybis[2-chloropropane], which is poorly described in the lit and for which no phys. props. appear to be available

Hazard & Toxicity: Eye and skin irritant. LD₅₀ (rat, orl) 240 mg/kg. LD₅₀ (rbt, skn) 3000 mg/kg. Fl. p. 85° (oc)

Rare Chemicals Library: S44368-9

Supelco: 4-8498

References:

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