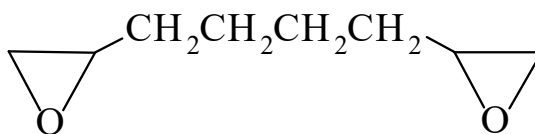




>>Entry Name: 1,4-Dioxiranylbutane

Synonym(s): 2,2'-(1,4-Butanediyl)bisoxirane, 9Cl. 1,2:7,8-Diepoxyoctane



CAS Registry Number: 2426-07-5

Related CAS Registry Numbers(s): 61136-00-3

Molecular Formula: C₈H₁₄O₂

Molecular Weight: 142.197

Accurate Mass: 142.09938

Percentage Composition: C 67.57%; H 9.92%; O 22.50%

Physical Description: Liq.

Boiling Point: Bp 240°. Bp₁₄ 105-108°

Density: d²⁰ 0.997

Refractive Index: n_D²⁰ 1.4450

Other Data: Mixt. of diastereoisomers

Hazard & Toxicity: Skin irritant. LD₅₀ (rat, orl) 1070 mg/kg. LD₅₀ (rbt, skn) 320 mg/kg

Aldrich: 13956-4

References:

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