



>>Entry Name: 1-Ethoxy-1-propene, 9CI

Synonym(s): Ethyl propenyl ether, 8CI

CAS Registry Number: 928-55-2

H3CCH=CHOEt

Molecular Formula: C5H10O

Molecular Weight: 86.133

Accurate Mass: 86.073165

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

Hazard & Toxicity: Highly flammable, fl. p. <-5°. LD₅₀ (rat, orl) 4660 mg/kg. LD₅₀ (rbt, skn) approx. 4000 mg/kg

Aldrich: 36404-5

Fluka: 4755

>>Variant: (E)-form

CAS Registry Number: 4696-26-8

Molecular Formula: C5H10O

Molecular Weight: 86.133

Accurate Mass: 86.073165

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

Physical Description: Liq.

Boiling Point: Bp 75°

>>Variant: (Z)-form

CAS Registry Number: 4696-25-7

Molecular Formula: C5H10O

Molecular Weight: 86.133

Accurate Mass: 86.073165

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

Physical Description: Liq.

Boiling Point: Bp 69°

References:

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Ansell, M.F. *et al.*, *J.C.S.*, 1958, 3388, (synth)

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Effenberg, F. *et al.*, *Chem. Ber.*, 1971, **104**, 1987, (pmr)

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