



Synonym(s): Ethyl 3-mercaptopropyl ether. 3-Ethoxy-1-propanethiol

CAS Registry Number: 33441-49-5

Molecular Formula: C₅H₁₂OS

Molecular Weight: 120.215

Accurate Mass: 120.060885

Percentage Composition: C 49.96%; H 10.06%; O 13.31%; S 26.67%

Boiling Point: Bp₂₅ 55-57°

>>**Derivative:** S-Et

Synonym(s): 3-(Ethylthio)-1-propanol. Ethyl 3-hydroxypropyl sulfide

CAS Registry Number: 18721-61-4

Molecular Formula: C₅H₁₂OS

Molecular Weight: 120.215

Accurate Mass: 120.060885

Percentage Composition: C 49.96%; H 10.06%; O 13.31%; S 26.67%

Boiling Point: Bp₁₅ 104°. Bp₁₀ 98-99°

>>**Derivative:** Disulfide

Synonym(s): 3,3'-Dithiobis-1-propanol, 9CI. 3,3'-Dithiodipropyl. 3,3'-Dihydroxydipropyl sulfide

CAS Registry Number: 30453-21-5

Molecular Formula: C₆H₁₄O₂S₂

Molecular Weight: 182.307

Accurate Mass: 182.04352

Percentage Composition: C 39.53%; H 7.74%; O 17.55%; S 35.18%

Boiling Point: Bp_{0.8} 160°

References:

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Harding, J.S. *et al.*, *J.C.S.*, 1954, 1536, (synth)
Truce, W.E. *et al.*, *J.O.C.*, 1961, **26**, 1463, (deriv)
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Robinson, P.L. *et al.*, *Phosphorus Sulfur Relat. Elem.*, 1987, **31**, 59, (synth, pmr, cmr)
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Evans, B.J. *et al.*, *J.O.C.*, 1990, **55**, 2580, (disulfide)
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