



>>Entry Name: Ethyl propyl disulfide

Synonym(s): 3,4-Dithiaheptane

CAS Registry Number: 30453-31-7

EtS-S-CH₂CH₂CH₃

Molecular Formula: C₅H₁₂S₂

Molecular Weight: 136.282

Accurate Mass: 136.03804

Percentage Composition: C 44.07%; H 8.87%; S 47.06%

Biological Source: Constit. of *Allium* spp., *Durio zibethinus* and *Nigella sativa*

Boiling Point: Bp₈₀ 104-106°. Bp₇ 47-48°

References:

Brois, S.J. *et al.*, *J.A.C.S.*, 1970, **92**, 7629-7631, (*synth*)

Harpp, D.N. *et al.*, *J.O.C.*, 1979, **44**, 4140-4144, (*synth*)

Gupta, D. *et al.*, *Can. J. Chem.*, 1981, **59**, 543-548, (*ms*)

Naef, R. *et al.*, *Fragrance J.*, 1996, **11**, 295-303, (*isol*)