



>>Entry Name: Bis(1-methylpropyl) sulfide

Synonym(s): 2,2'-Thiobisbutane, 9Cl. *sec*-Butyl sulfide, 8Cl. Di-*sec*-butyl sulfide

CAS Registry Number: 626-26-6

H3CCH2CH(CH3)SCH(CH3)CH2CH3

Molecular Formula: C₈H₁₈S

Molecular Weight: 146.296

Accurate Mass: 146.11292

Percentage Composition: C 65.68%; H 12.40%; S 21.92%

Boiling Point: Bp 165°

Density: d₄²⁰ 0.83

Refractive Index: n_D²⁰ 1.4506

Other Data: Presumably a mixt. of diastereomers

Aldrich: 12431-1

References:

Vogel, A.I. *et al.*, *J.C.S.*, 1943, 20-24, (*synth*)

Gladysz, J.A. *et al.*, *Tetrahedron*, 1979, **35**, 2329-2335, (*synth, pmr*)