



>>Entry Name: Benzyl methyl disulfide

ENTRY UNDER REVIEW

Synonym(s): Methyl phenylmethyl disulfide, 9CI. FEMA 3504

CAS Registry Number: 699-10-5

PhCH₂-S-S-Me

Molecular Formula: C₈H₁₀S₂

Molecular Weight: 170.299

Accurate Mass: 170.02239

Percentage Composition: C 56.42%; H 5.92%; S 37.66%

Biological Source: Present in cocoa and roasted peanut

Physical Description: Liq.

Boiling Point: Bp_{0.2} 66°

Refractive Index: n_D²⁴ 1.5996

Aldrich: W35040-0

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 432A, (nmr)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1103C, (ir)

Armitage, D.A. *et al.*, *J.C.S. Perkin 1*, 1972, 680, (synth)

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

Masui, M. *et al.*, *Chem. Comm.*, 1984, 843, (synth)

Graber, D.R. *et al.*, *J.O.C.*, 1987, **52**, 4620, (synth)

Metzner, P. *et al.*, *Synthesis*, 1994, 761, (synth, pmr, cmr, ms)

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