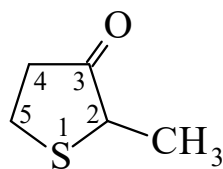




>>Entry Name: Dihydro-2-methyl-3(2*H*)-thiophenone, 9CI



CAS Registry Number: 13679-85-1

Molecular Formula: C₅H₈OS

Molecular Weight: 116.184

Accurate Mass: 116.029585

Percentage Composition: C 51.69%; H 6.94%; O 13.77%; S 27.60%

Aldrich: W35120-2

>>**Variant:** (±)-form

CAS Registry Number: 74015-70-6

Molecular Formula: C₅H₈OS

Molecular Weight: 116.184

Accurate Mass: 116.029585

Percentage Composition: C 51.69%; H 6.94%; O 13.77%; S 27.60%

Physical Description: Liq.

Boiling Point: Bp₁₇ 66°

References:

Karrer, P. *et al.*, *Helv. Chim. Acta*, 1944, **27**, 124, (*synth*)

Buchmann, E.R. *et al.*, *J.A.C.S.*, 1944, **66**, 847, (*synth*)

Hatanaka, M. *et al.*, *Bull. Chem. Soc. Jpn.*, 1973, **46**, 2515, (*synth, ir*)

Nootens, C. *et al.*, *Bull. Soc. Chim. Belg.*, 1988, **97**, 1045, (*synth, ir, pmr, ms*)