



>>Entry Name: Benzyl methyl ether, 8Cl

Synonym(s): (Methoxymethyl)benzene, 9Cl. α -Methoxytoluene

CAS Registry Number: 538-86-3

PhCH₂OMe

Molecular Formula: C₈H₁₀O

Molecular Weight: 122.166

Accurate Mass: 122.073165

Percentage Composition: C 78.65%; H 8.25%; O 13.10%

Physical Description: Liq.

Boiling Point: Bp 174°. Bp₁₅ 62-70°

Hazard & Toxicity: LD₅₀ (rat, orl) 9800 mg/kg

Rare Chemicals Library: S72207-3

>>Derivative: Picrate

Melting Point: Mp 115-116°

References:

Eliel, E.L. *et al.*, *J.A.C.S.*, 1962, **84**, 2371, (*synth*)

Brownlee, R.T.C. *et al.*, *J.A.C.S.*, 1968, **90**, 1757, (*ir*)

Bursey, M.M. *et al.*, *Chem. Comm.*, 1971, 824, (*ms*)

Blagg, J. *et al.*, *J.C.S. Perkin 1*, 1986, 1581, (*synth, ir, pmr*)

Sax, N.I., *Dangerous Properties of Industrial Materials*, 5th edn., Van Nostrand Reinhold, 1979, 411