



>>Entry Name: 4-(Chloromethyl)biphenyl, 8Cl

Synonym(s): 4-Phenylbenzyl chloride

CAS Registry Number: 1667-11-4

Molecular Formula: C₁₃H₁₁Cl

Molecular Weight: 202.683

Accurate Mass: 202.054927

Percentage Composition: C 77.04%; H 5.47%; Cl 17.49%

Physical Description: Cryst.

Melting Point: Mp 68-70°

Hazard & Toxicity: Mutagenic props. Exp. reprod. props.

Aldrich: C5227-6

Fluka: 25108

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 159B, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1022B, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 955C, (ir)

Fuchs, R. *et al.*, *J.A.C.S.*, 1963, **85**, 104

Bird, C.W., *Spectrochim. Acta A*, 1968, **24**, 1666, (ir)

Barclay, L.R.C. *et al.*, *Can. J. Chem.*, 1972, **50**, 2318, (synth)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn.*, Van Nostrand Reinhold, 1992, CIH825