



>>Entry Name: [(Chloromethoxy)methyl]benzene, 9Cl

Synonym(s): Benzyl chloromethyl ether

CAS Registry Number: 3587-60-8

PhCH₂OCH₂Cl

Molecular Formula: C₈H₉ClO

Molecular Weight: 156.611

Accurate Mass: 156.034192

Percentage Composition: C 61.35%; H 5.79%; Cl 22.64%; O 10.22%

Use/Importance: Reagent for the protection and anal. of carboxylic acids as benzyloxymethyl esters

Boiling Point: Bp_{1.5} 53-56°

Fluka: 13282

Sigma: B0387

References:

Hill, A.J. *et al.*, *J.A.C.S.*, 1926, **48**, 257

Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1967, **1**, 52; 1969, **2**, 26; 1986, **12**, 430, (*use*)

Org. Synth., 1972, **52**, 16

Zoretic, P.A. *et al.*, *J.O.C.*, 1975, **40**, 2962, (*use*)

Benneche, T. *et al.*, *Synthesis*, 1983, 762, (*synth, pmr*)