



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

Synonym(s): 4-(Chloromethyl)benzenemethanol, 9Cl. 4-(Hydroxymethyl)benzyl chloride

CAS Registry Number: 16473-35-1

Related CAS Registry Numbers(s): 80364-27-8

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%

Melting Point: Mp 59-60°

Boiling Point: Bp_{0.5} 100-130°

>>Derivative: *O*-tert-Butyl

Molecular Formula: C₁₂H₁₇ClO

Molecular Weight: 212.718

Accurate Mass: 212.096792

Percentage Composition: C 67.76%; H 8.05%; Cl 16.67%; O 7.52%

Physical Description: Oil

Boiling Point: Bp_{2.5} 115-125° (lit. gives a pressure range)

References:

Bengelsdorf, I.S., *J.O.C.*, 1958, **23**, 242, (*synth*)

Traylor, T.G. *et al.*, *J.A.C.S.*, 1967, **89**, 2304, (*synth*)

Nudelman, A. *et al.*, *J. Antibiot.*, 1981, **34**, 1311

Pierce, M.E. *et al.*, *J.O.C.*, 1996, **61**, 444, (*synth, pmr, cmr*)