



Melting Point: Mp 115°

>> **Derivative:** *N,O*-Dibenzoyl

Molecular Formula: C₂₁H₁₇NO₃

Molecular Weight: 331.37

Accurate Mass: 331.120844

Percentage Composition: C 76.12%; H 5.17%; N 4.23%; O 14.48%

Physical Description: Needles (EtOH)

Melting Point: Mp 113-114°

>> **Derivative:** Me ether

CAS Registry Number: 53473-83-9

Molecular Formula: C₈H₁₁NO

Molecular Weight: 137.181

Accurate Mass: 137.084064

Percentage Composition: C 70.04%; H 8.08%; N 10.21%; O 11.66%

Boiling Point: Bp_{1.5} 115-118° (lit. gives a pressure range)

>> **Derivative:** *N,N*-Di-Me

Synonym(s): 3-Hydroxymethyl-*N,N*-dimethylaniline. *m*-Dimethylaminobenzyl alcohol

CAS Registry Number: 23501-93-1

Molecular Formula: C₉H₁₃NO

Molecular Weight: 151.208

Accurate Mass: 151.099714

Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%

Boiling Point: Bp₃ 127-130°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 347C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1132B, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1056C, (*ir*)

Grice, R. *et al.*, *J.C.S.*, 1963, 1947, (*synth*)

Tsuchiya, M. *et al.*, *Bull. Chem. Soc. Jpn.*, 1969, **42**, 1756, (*deriv*)

Eckhardt, G. *et al.*, *Org. Mass Spectrom.*, 1974, **9**, 125, (*ms*)