



>>Entry Name: *N*-Benzylidenemethylamine

Synonym(s): *N*-(Phenylmethylene)methanamine, 9CI. *N*-Methylbenzimine

CAS Registry Number: 622-29-7

Related CAS Registry Numbers(s): 25521-74-8 29086-12-2

PhCH=NMe

Molecular Formula: C₈H₉N

Molecular Weight: 119.166

Accurate Mass: 119.073499

Percentage Composition: C 80.63%; H 7.61%; N 11.75%

Physical Description: Oil

Boiling Point: Bp₃₄ 92-93°. Bp₂₀ 78-83°

Refractive Index: n_D²⁰ 1.5528

Aldrich: B2415-4

Fluka: 13472

>>Derivative: *N*-Oxide

see *N*-Methyl- α -phenylnitrone, [DGL80-V](#)

References:

Aldrich Library of NMR Spectra, 2nd edn., 1983, **1**, 1124C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1279A, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1162C, (*ir*)

Org. Synth., Coll. Vol., 4, 1963, 605-608, (*synth*)

Anderson, W.K. *et al.*, *J. Med. Chem.*, 1986, **29**, 2241-2249, (*synth*, *ir*, *pmr*)

Org. Synth., 1999, **76**, 23-36, (*synth*, *pmr*, *cmr*)