



>>Entry Name: 1,1-Diphenylethanol

Synonym(s): α -Methyl- α -phenylbenzenemethanol, 9Cl. α -Methylbenzhydrol, 8Cl. Methyldiphenylcarbinol

CAS Registry Number: 599-67-7

$\text{H}_3\text{CCPh}_2\text{OH}$

Molecular Formula: $\text{C}_{14}\text{H}_{14}\text{O}$

Molecular Weight: 198.264

Accurate Mass: 198.104465

Percentage Composition: C 84.81%; H 7.12%; O 8.07%

Melting Point: Mp 61-62°. Mp 80-81°

Boiling Point: Bp₁₂ 190-192°

Aldrich: 15214-5

>>Derivative: Phenylurethane

Melting Point: Mp 83.5-84°

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **2**, 337C, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1125C, (ir)

Vaida, M.S. *et al.*, *CA*, 1971, **87**, 200985, (synth)

Jeffrey, A. *et al.*, *Aust. J. Chem.*, 1974, **27**, 2569, (synth)