



>>Entry Name: **3,3-Diphenyl-1-propanol**, 8Cl

Synonym(s): γ -Phenylbenzenepropanol

CAS Registry Number: 20017-67-8

$\text{Ph}_2\text{CHCH}_2\text{CH}_2\text{OH}$

Molecular Formula: $\text{C}_{15}\text{H}_{16}\text{O}$

Molecular Weight: 212.291

Accurate Mass: 212.120115

Percentage Composition: C 84.87%; H 7.60%; O 7.54%

Boiling Point: Bp_{10} 185°

Aldrich: 18897-2

>>Derivative: Ac

Molecular Formula: $\text{C}_{17}\text{H}_{18}\text{O}_2$

Molecular Weight: 254.328

Accurate Mass: 254.13068

Percentage Composition: C 80.28%; H 7.13%; O 12.58%

Boiling Point: Bp_{18} 200°

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **2**, 388A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1154C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1076B, (*ir*)

Bockmühl, M. *et al.*, *CA*, 1949, **43**, 1810, (*synth*)

Venokurova, V.M. *et al.*, *CA*, 1968, **69**, 86494y, (*synth*)