



>>Entry Name: 2-(Pentafluorophenyl)ethanol

Synonym(s): 2,3,4,5,6-Pentafluorobenzeneethanol, 9CI. 2,3,4,5,6-Pentafluorophenethyl alcohol, 8CI

CAS Registry Number: 653-31-6

$(\text{C}_6\text{F}_5)\text{CH}_2\text{CH}_2\text{OH}$

Molecular Formula: $\text{C}_8\text{H}_5\text{F}_5\text{O}$

Molecular Weight: 212.119

Accurate Mass: 212.026055

Percentage Composition: C 45.30%; H 2.38%; F 44.78%; O 7.54%

Boiling Point: Bp_{16} 104°

Refractive Index: n_{D}^{20} 1.4508

>>Derivative: 3,5-Dinitrobenzoyl

Physical Description: Cryst. (EtOH)

Melting Point: Mp 94-95°

References:

Barbour, A.K. *et al.*, *J.C.S.*, 1961, 808

Vorozhtsov, N.N. *et al.*, *Tet. Lett.*, 1964, 3575, (*synth*, *uv*)