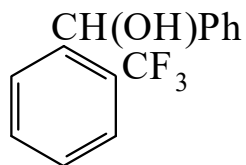




>>Entry Name: 2-(Trifluoromethyl)diphenylmethanol

Synonym(s): α -Phenyl-2-(trifluoromethyl)benzenemethanol, 9CI. 2-(Trifluoromethyl)benzhydrol, 8CI



CAS Registry Number: 727-98-0

Molecular Formula: $C_{14}H_{11}F_3O$

Molecular Weight: 252.235

Accurate Mass: 252.076199

Percentage Composition: C 66.67%; H 4.40%; F 22.60%; O 6.34%

>>Variant: ($\pm$)-form

Molecular Formula: $C_{14}H_{11}F_3O$

Molecular Weight: 252.235

Accurate Mass: 252.076199

Percentage Composition: C 66.67%; H 4.40%; F 22.60%; O 6.34%

Boiling Point: Bp_{28.5} 169-176° (lit. gives a pressure range). Bp₂ 114-115°

Density: $d^{22.5}$ 1.27

Refractive Index: $n_D^{22.5}$ 1.5333

References:

Lichtenberger, J. *et al.*, *Bull. Soc. Chim. Fr.*, 1962, 587, (*synth*)

van der Stelt, C. *et al.*, *Arzneim.-Forsch.*, 1964, **14**, 864, (*synth*)