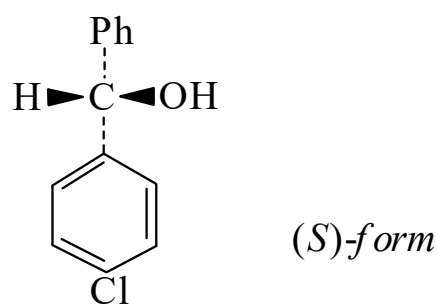




>>Entry Name: (4-Chlorophenyl)phenylmethanol

Synonym(s): 4-Chloro- α -phenylbenzenemethanol, 9Cl. 4-Chlorodiphenylmethanol. *p*-Chlorobenzhydrol



CAS Registry Number: 119-56-2

Molecular Formula: C₁₃H₁₁ClO

Molecular Weight: 218.682

Accurate Mass: 218.049842

Percentage Composition: C 71.40%; H 5.07%; Cl 16.21%; O 7.32%

Aldrich: 12498-2

>>Variant: (*S*)-form

CAS Registry Number: 101402-04-4

Molecular Formula: C₁₃H₁₁ClO

Molecular Weight: 218.682

Accurate Mass: 218.049842

Percentage Composition: C 71.40%; H 5.07%; Cl 16.21%; O 7.32%

Physical Description: Needles (hexane)

Melting Point: Mp 60-61°

Optical Rotation: $[\alpha]_{\text{D}}^{20} +22$ (c, 0.9 in CHCl₃)

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

Molecular Formula: C₁₃H₁₁ClO

Molecular Weight: 218.682

Accurate Mass: 218.049842

Percentage Composition: C 71.40%; H 5.07%; Cl 16.21%; O 7.32%

Physical Description: Cryst.

Melting Point: Mp 59-61°

References:

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