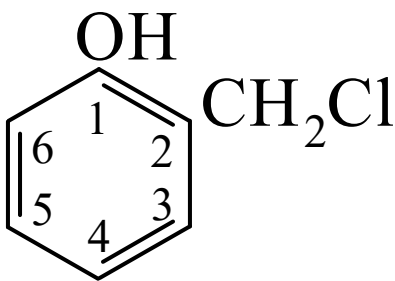




>>Entry Name: 2-(Chloromethyl)phenol, 9Cl

Synonym(s): α -Chloro-*o*-cresol, 8Cl. 2-Hydroxybenzyl chloride



CAS Registry Number: 40053-98-3

Related CAS Registry Numbers(s): 68137-05-3

Molecular Formula: C_7H_7ClO

Molecular Weight: 142.584

Accurate Mass: 142.018542

Percentage Composition: C 58.97%; H 4.95%; Cl 24.86%; O 11.22%

>>Derivative: Ac

CAS Registry Number: 15068-08-3

Molecular Formula: $C_9H_9ClO_2$

Molecular Weight: 184.622

Accurate Mass: 184.029107

Percentage Composition: C 58.55%; H 4.91%; Cl 19.20%; O 17.33%

Boiling Point: $Bp_{1.5}$ 98-100°

Refractive Index: n_D^{25} 1.5235

>>Derivative: Me ether

Synonym(s): 1-(Chloromethyl)-2-methoxybenzene, 9Cl. 2-Methoxybenzyl chloride

CAS Registry Number: 7035-02-1

Molecular Formula: C_8H_9ClO

Molecular Weight: 156.611

Accurate Mass: 156.034192

Percentage Composition: C 61.35%; H 5.79%; Cl 22.64%; O 10.22%

Melting Point: Mp 29-30°

Boiling Point: Bp_{15} 102°. $Bp_{0.1}$ 52-54°

Refractive Index: n_D^{22} 1.5478 n_D^{22} 1.5492

References:

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Reimann, E. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1985, **318**, 1105, (*synth, deriv*)

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