>>**Entry Name: 3-(Chloromethyl)phenol**
Synonym(s): α-Chloro-*m*-cresol, $_{8Cl}$. 3-Hydroxybenzyl chloride

CAS Registry Number: 60760-06-7

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%
Boiling Point: $Bp_{0.1}$ 105-110°

>>**Derivative:** Ac

CAS Registry Number: 4530-44-3
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: $Bp_{0.001}$ 95-98°
Refractive Index: n_D^{19} 1.5272

>>**Derivative:** Me ether
Synonym(s): 1-(Chloromethyl)-3-methoxybenzene. 3-Methoxybenzyl chloride

CAS Registry Number: 824-98-6
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%
Boiling Point: Bp_{16} 102-104°. $Bp_{0.1}$ 58°
Refractive Index: n_D^{20} 1.5427
Aldrich: 20938-4
Fluka: 64868

>>**Derivative:** Ph ether
Synonym(s): 1-(Chloromethyl)-3-phenoxybenzene, $_{9Cl}$. 3-Phenoxybenzyl chloride

CAS Registry Number: 53874-66-1
Molecular Formula: $C_{13}H_{11}ClO$
Molecular Weight: 218.682
Accurate Mass: 218.049842
Percentage Composition: C 71.40%; H 5.07%; Cl 16.21%; O 7.32%
Use/Importance: Widely used alkylation agent in manuf. of agrochemicals, pesticides, fungicides and other pharmaceuticals
Boiling Point: Bp_5 141-142°
Refractive Index: n_D^{20} 1.5930
Hazard & Toxicity: Corrosive; lachrymator

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