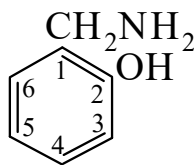




>>Entry Name: 2-Hydroxybenzylamine

Synonym(s): 2-(Aminomethyl)phenol, 9Cl. α -Amino-*o*-cresol, 8Cl. Salicylamine



CAS Registry Number: 932-30-9

Molecular Formula: C_7H_9NO

Molecular Weight: 123.154

Accurate Mass: 123.068414

Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%

Biological Source: Found in flowers of *Reseda odorata*

Physical Description: Cryst. (EtOH/petrol) or solid

Melting Point: Mp 97-99°. Mp 129° (prob. refers to a hydrate)

Other Data: Sublimes

>>Derivative: *N*-Ac

CAS Registry Number: 80311-94-0

Molecular Formula: $C_9H_{11}NO_2$

Molecular Weight: 165.191

Accurate Mass: 165.078979

Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%

Physical Description: Plates ($CHCl_3$ /petrol)

Melting Point: Mp 140°

>>Derivative: *N,O*-Di-Ac

Molecular Formula: $C_{11}H_{13}NO_3$

Molecular Weight: 207.229

Accurate Mass: 207.089544

Percentage Composition: C 63.76%; H 6.32%; N 6.76%; O 23.16%

Physical Description: Plates ($CHCl_3$ /petrol)

Melting Point: Mp 102-103°

>>Derivative: *N,N*-Di-Me

Synonym(s): *N,N*-Dimethyl-2-hydroxybenzylamine. 2-(Dimethylaminomethyl)phenol

CAS Registry Number: 120-65-0

Molecular Formula: $C_9H_{13}NO$

Molecular Weight: 151.208

Accurate Mass: 151.099714

Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%

Boiling Point: Bp₁₂ 99-100°

>>Derivative: Me ether

Synonym(s): 2-Methoxybenzylamine

CAS Registry Number: 6850-57-3

Molecular Formula: $C_8H_{11}NO$

Molecular Weight: 137.181

Accurate Mass: 137.084064

Percentage Composition: C 70.04%; H 8.08%; N 10.21%; O 11.66%

Boiling Point: Bp₇₂₄ 224°

Aldrich: 15988-3

Fluka: 64855