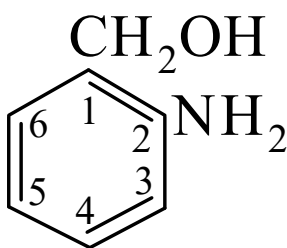




>>Entry Name: 2-Aminobenzyl alcohol

Synonym(s): 2-Aminobenzenemethanol, 9CI. *o*-Aminophenylcarbinol. 2-(Hydroxymethyl)aniline



CAS Registry Number: 5344-90-1

Molecular Formula: C₇H₉NO

Molecular Weight: 123.154

Accurate Mass: 123.068414

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

Biological Source: Isol. from the leaves of the Indian medicinal plant *Justicia gendarussa*

Physical Description: Needles (C₆H₆)

Melting Point: Mp 84°

Boiling Point: Bp 270-280°. Bp_{7.5} 160° (lit. gives a pressure range)

Aldrich: 12283-1

Fluka: 7093

>>Derivative: *N*-Ac

Molecular Formula: C₉H₁₁NO₂

Molecular Weight: 165.191

Accurate Mass: 165.078979

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

Physical Description: Needles (C₆H₆)

Melting Point: Mp 116°

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

CAS Registry Number: 20939-77-9

Molecular Formula: C₁₁H₁₃NO₃

Molecular Weight: 207.229

Accurate Mass: 207.089544

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

Physical Description: Needles (C₆H₆)

Melting Point: Mp 95°

>>Derivative: *N*-Benzoyl

CAS Registry Number: 6289-87-8

Molecular Formula: C₁₄H₁₃NO₂

Molecular Weight: 227.262

Accurate Mass: 227.094629

Percentage Composition: C 73.99%; H 5.77%; N 6.16%; O 14.08%

Physical Description: Needles (petrol)

Melting Point: Mp 132-133°

>>Derivative: *N,O*-Dibenzoyl

Molecular Formula: C₂₁H₁₇NO₃

Molecular Weight: 331.37

Accurate Mass: 331.120844

Percentage Composition: C 76.12%; H 5.17%; N 4.23%; O 14.48%

Physical Description: Needles (EtOH)

Melting Point: Mp 131-132°