



>>Entry Name: 3-Aminobenzyl alcohol

Synonym(s): 3-Aminobenzenemethanol, 9Cl. *m*-Aminophenylcarbinol

CAS Registry Number: 1877-77-6

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%

Physical Description: Platelets (C₆H₆)

Melting Point: Mp 97°

Aldrich: 19139-6

Fluka: 7094

>>Derivative: Hydrochloride

Melting Point: Mp 124-125°

>>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 110-112°

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

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 (petrol)

Melting Point: Mp 83°

>>Derivative: *N*-Benzoyl

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 (EtOH aq.)

Melting Point: Mp 115°

>>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 113-114°

>>Derivative: Me ether

CAS Registry Number: 53473-83-9

Molecular Formula: C₈H₁₁NO

Molecular Weight: 137.181

Accurate Mass: 137.084064

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

Boiling Point: Bp_{1.5} 115-118° (lit. gives a pressure range)