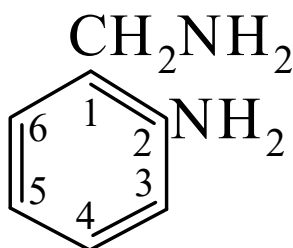




>>Entry Name: 2-Aminobenzylamine

Synonym(s): 2-Aminobenzenemethanamine, 9Cl. Toluene- α ,2-diamine, 8Cl. α -Amino-*o*-toluidine. α ,2-Diaminotoluene. 2-(Aminomethyl)aniline



CAS Registry Number: 4403-69-4

Molecular Formula: $C_7H_{10}N_2$

Molecular Weight: 122.169

Accurate Mass: 122.084398

Percentage Composition: C 68.82%; H 8.25%; N 22.93%

Physical Description: Cryst. (petrol)

Melting Point: Mp 60-62°

Aldrich: 34801-5

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 29483-71-4

Melting Point: Mp 215-218 dec.°

>>Derivative: N^α -Ac

Molecular Formula: $C_9H_{12}N_2O$

Molecular Weight: 164.207

Accurate Mass: 164.094963

Percentage Composition: C 65.83%; H 7.37%; N 17.06%; O 9.74%

Physical Description: Needles (H_2O)

Melting Point: Mp 112.5-113.5°

>>Derivative: N^α, N^2 -Di-Ac

Molecular Formula: $C_{11}H_{14}N_2O_2$

Molecular Weight: 206.244

Accurate Mass: 206.105528

Percentage Composition: C 64.06%; H 6.84%; N 13.58%; O 15.52%

Melting Point: Mp 137-138°

>>Derivative: N^α, N^2 -Dibenzoyl

Molecular Formula: $C_{21}H_{18}N_2O_2$

Molecular Weight: 330.385

Accurate Mass: 330.136828

Percentage Composition: C 76.34%; H 5.49%; N 8.48%; O 9.69%

Physical Description: Needles (EtOH)

Melting Point: Mp 195-196°

>>Derivative: N^α -Me

CAS Registry Number: 1904-69-4

Molecular Formula: $C_8H_{12}N_2$

Molecular Weight: 136.196

Accurate Mass: 136.100048

Percentage Composition: C 70.55%; H 8.88%; N 20.57%

Boiling Point: Bp₁₁ 133-137°