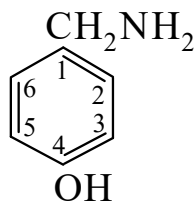




>>Entry Name: 4-Hydroxybenzylamine

Synonym(s): 4-(Aminomethyl)phenol, 9CI. α -Amino-*p*-cresol



CAS Registry Number: 696-60-6

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: Plates + 1H₂O (H₂O)

Melting Point: Mp 114-115 dec.°

>>Derivative: *N*-Ac

Synonym(s): *N*-Acetyl-4-hydroxybenzylamine. Antibiotic BMY 40660. BMY 40660

CAS Registry Number: 34185-04-1

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%

Biological Source: Isol. from *Actinomadura verrucosospora*

Biological Use/Importance: Active against gram-positive bacteria

Melting Point: Mp 113-117°

Solubility: BERDY SOL: Sol. MeOH; poorly sol. CHCl₃

UV: [base] $\lambda_{\max}$ 292 (ϵ 5620); 367 (ϵ 1150) (MeOH/NaOH) (Derep) [neutral] $\lambda_{\max}$ 277 (ϵ 4790); 310 (sh) (ϵ) (MeOH) (Derep) [neutral] $\lambda_{\max}$ 367 (ϵ 1150) (MeOH) (Berdy)

>>Derivative: Me ether

Synonym(s): 4-Methoxybenzylamine. Anisamine. Anisylamine

CAS Registry Number: 2393-23-9

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 236-237°. Bp₁ 95-97°

Density: d¹⁵ 1.05

Aldrich: M1110-3

Fluka: 64851

>>Derivative: Me ether; hydrochloride

CAS Registry Number: 17061-61-9

Melting Point: Mp 240-241°

>>Derivative: Me ether, Ac

Synonym(s): Acetanisamine. Anisylacetamide

CAS Registry Number: 35103-34-5

Molecular Formula: C₁₀H₁₃NO₂

Molecular Weight: 179.218

Accurate Mass: 179.094629

Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%

Melting Point: Mp 97°

Boiling Point: Bp₁₂ 208°