



>>>Derivative: 2-*N*-Isopropyl

CAS Registry Number: 15513-18-5

Molecular Formula: C₈H₁₂N₂

Molecular Weight: 136.196

Accurate Mass: 136.100048

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

Physical Description: Liq.

Boiling Point: Bp₁₆ 105°

>>>Derivative: 2-*N*-Octyl

Synonym(s): 2-Octylaminopyridine

CAS Registry Number: 34366-90-0

Molecular Formula: C₁₃H₂₂N₂

Molecular Weight: 206.33

Accurate Mass: 206.178298

Percentage Composition: C 75.68%; H 10.75%; N 13.58%

Use/Importance: Used as 0.05*M* CHCl₃ soln. for extraction separation of Ir, Rh

Physical Description: Cryst.

Solubility: Sol. CHCl₃, 1,2-dichloroethane, PhNO₂, C₆H₆

pKa Value: p*K*_a 7.4

>>>Derivative: 2-*N*-Benzyl

Synonym(s): 2-Benzylaminopyridine

CAS Registry Number: 6935-27-9

Molecular Formula: C₁₂H₁₂N₂

Molecular Weight: 184.24

Accurate Mass: 184.100048

Percentage Composition: C 78.23%; H 6.56%; N 15.20%

Use/Importance: Used as 0.1*M* soln. in aq. HCl for photometric detn. of Nb

Physical Description: Needles (2-propanol)

Melting Point: Mp 95-96°

Solubility: Insol. H₂O; sol. acids, EtOH, Me₂CO, C₆H₆

Aldrich: 19505-7

>>>Derivative: 2-*N*-Benzyl, picrate

CAS Registry Number: 78508-27-7

Physical Description: Cryst. (EtOH)

Melting Point: Mp 148-150°

>>>Derivative: 2-*N*-Ph

>>>Derivative: 2-*N*-Nitro

Synonym(s): 2-Nitroaminopyridine. *N*-Nitro-2-pyridinamine, 9CI

CAS Registry Number: 26482-54-2

Molecular Formula: C₅H₅N₃O₂

Molecular Weight: 139.113

Accurate Mass: 139.038177

Percentage Composition: C 43.17%; H 3.62%; N 30.21%; O 23.00%

Physical Description: Needles (H₂O)

Melting Point: Mp 184 dec.°

Solubility: Sol. dil. alkali; spar. sol. min. acids

Rare Chemicals Library: S37695-7

References: