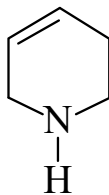




>>Entry Name: 1,2,3,6-Tetrahydro-1-pyridine, 9CI

Synonym(s): Δ^3 -Piperidine



CAS Registry Number: 694-05-3

Molecular Formula: C₅H₉N

Molecular Weight: 83.133

Accurate Mass: 83.073499

Percentage Composition: C 72.24%; H 10.91%; N 16.85%

Boiling Point: Bp 113.5°

Other Data: Free base polymerises readily

Hazard & Toxicity: Highly flammable, fl. p. 16°

Aldrich: 13475-9

>>Derivative: Hydrochloride

CAS Registry Number: 18513-79-6

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 192-193°

Aldrich: 43926-6

>>Derivative: Picrate

Melting Point: Mp 160°

>>Derivative: *N*-Me

Synonym(s): 1,2,3,6-Tetrahydro-1-methylpyridine

CAS Registry Number: 694-55-3

Molecular Formula: C₆H₁₁N

Molecular Weight: 97.16

Accurate Mass: 97.089149

Percentage Composition: C 74.17%; H 11.41%; N 14.42%

Boiling Point: Bp 112.5°

pKa Value: pK_a 9.28 (25°)

>>Derivative: *N*-Me; hydrochloride

CAS Registry Number: 73107-26-3

Physical Description: Cryst. (EtOH)

Melting Point: Mp 159-160°

Aldrich: 33238-0

>>Derivative: *N*-Me, picrate

Melting Point: Mp 201-202°

>>Derivative: *N*-Propyl

CAS Registry Number: 53385-78-7

Molecular Formula: C₈H₁₅N

Molecular Weight: 125.213

Accurate Mass: 125.120449

Percentage Composition: C 76.74%; H 12.07%; N 11.19%

Physical Description: Liq.

>>Derivative: *N*-Propyl, oxalate salt

CAS Registry Number: 109720-41-4

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 177-179°