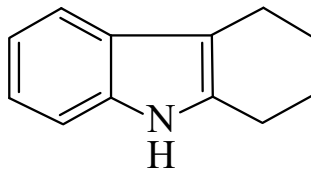




>>Entry Name: 1,2,3,4-Tetrahydrocarbazole

Synonym(s): 2,3,4,9-Tetrahydro-1*H*-carbazole, 9Cl. 2,3-(1,4-Butanediyl)indole. 2,3-Tetramethyleneindole



CAS Registry Number: 942-01-8

Molecular Formula: C₁₂H₁₃N

Molecular Weight: 171.241

Accurate Mass: 171.104799

Percentage Composition: C 84.17%; H 7.65%; N 8.18%

Physical Description: Leaflets (EtOH aq.)

Melting Point: Mp 120°

Boiling Point: Bp 325-330°

Other Data: Turns brown in air.

Hazard & Toxicity: LD₅₀ (rat, orl) 2650 mg/kg

Aldrich: T1240-8

>>Derivative: Picrate

CAS Registry Number: 22220-36-6

Physical Description: Dark-red leaflets

Melting Point: Mp 147°

>>Derivative: *N*-Ac

CAS Registry Number: 13815-69-5

Molecular Formula: C₁₄H₁₅NO

Molecular Weight: 213.279

Accurate Mass: 213.115364

Percentage Composition: C 78.84%; H 7.09%; N 6.57%; O 7.50%

Melting Point: Mp 77°

>>Derivative: *N*-Benzoyl

CAS Registry Number: 13815-70-8

Molecular Formula: C₁₉H₁₇NO

Molecular Weight: 275.349

Accurate Mass: 275.131014

Percentage Composition: C 82.88%; H 6.22%; N 5.09%; O 5.81%

Melting Point: Mp 88°

>>Derivative: *N*-Et

Synonym(s): 9-Ethyl-1,2,3,4-tetrahydrocarbazole

CAS Registry Number: 37391-52-9

Molecular Formula: C₁₄H₁₇N

Molecular Weight: 199.295

Accurate Mass: 199.136099

Percentage Composition: C 84.37%; H 8.60%; N 7.03%

Physical Description: Liq.

Boiling Point: Bp₁₇ 188°

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