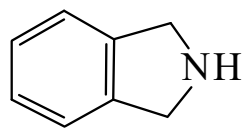




>>Entry Name: **2,3-Dihydro-1*H*-isoindole**, 9CI

Synonym(s): Isoindoline, 8CI. 2-Azaindane



CAS Registry Number: 496-12-8

Molecular Formula: C₈H₉N

Molecular Weight: 119.166

Accurate Mass: 119.073499

Percentage Composition: C 80.63%; H 7.61%; N 11.75%

Physical Description: Cryst. or oil

Melting Point: Mp 16-16.5°

Boiling Point: Bp 229-231°. Bp₃₀ 115°

Density: d₄²⁰ 1.081

Refractive Index: n_D²⁴ 1.5698

>>Derivative: Hydrochloride

CAS Registry Number: 32372-82-0

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 250-252°

>>Derivative: *N*-Formyl

Synonym(s): 1,3-Dihydro-2*H*-isoindole-2-carboxaldehyde, 9CI

CAS Registry Number: 35180-21-3

Molecular Formula: C₉H₉NO

Molecular Weight: 147.176

Accurate Mass: 147.068414

Percentage Composition: C 73.45%; H 6.16%; N 9.52%; O 10.87%

Physical Description: Cryst. (cyclohexane)

Melting Point: Mp 55-56°

>>Derivative: *N*-Ac

CAS Registry Number: 18913-38-7

Molecular Formula: C₁₀H₁₁NO

Molecular Weight: 161.203

Accurate Mass: 161.084064

Percentage Composition: C 74.51%; H 6.88%; N 8.69%; O 9.93%

Physical Description: Cryst. (petrol)

Melting Point: Mp 89.5-90.5°

>>Derivative: *N*-Benzoyl

CAS Registry Number: 18913-39-8

Molecular Formula: C₁₅H₁₃NO

Molecular Weight: 223.274

Accurate Mass: 223.099714

Percentage Composition: C 80.69%; H 5.87%; N 6.27%; O 7.17%

Melting Point: Mp 37-39°. Mp 41°

Boiling Point: Bp₂ 157-160°

>>Derivative: *N*-Me

CAS Registry Number: 3474-87-1

Molecular Formula: C₉H₁₁N

Molecular Weight: 133.193

Accurate Mass: 133.089149

Percentage Composition: C 81.16%; H 8.32%; N 10.52%

Physical Description: Liq.

Boiling Point: Bp₃₀ 99-101°

Rare Chemicals Library: S89474-5