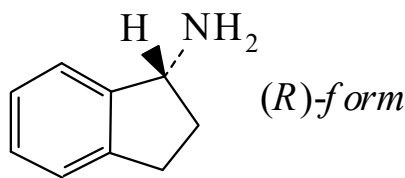




>>Entry Name: 1-Aminoindane

Synonym(s): 2,3-Dihydro-1*H*-inden-1-amine, 9Cl. 1-Aminohydrindene. α -Hydrindamine. 1-Indanamine



CAS Registry Number: 34698-41-4

Molecular Formula: C₉H₁₁N

Molecular Weight: 133.193

Accurate Mass: 133.089149

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

Aldrich: A5950-6

Fluka: 8230

>>Variant: (*R*)-form

CAS Registry Number: 10277-74-4

Molecular Formula: C₉H₁₁N

Molecular Weight: 133.193

Accurate Mass: 133.089149

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

Physical Description: Oil

Boiling Point: Bp₂₀ 117-119°

Optical Rotation: $[\alpha]_D^{20}$ -16.3 (c, 1.5 in MeOH)

Aldrich: 44534-7

Fluka: 8233

Sigma: I8397

>>Derivative: Hydrochloride

CAS Registry Number: 10305-73-4

Physical Description: Needles

Melting Point: Mp 118° (204-206°)

Optical Rotation: $[\alpha]_D^{20}$ -0.8

>>Variant: (*S*)-form

CAS Registry Number: 61341-86-4

Molecular Formula: C₉H₁₁N

Molecular Weight: 133.193

Accurate Mass: 133.089149

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

Physical Description: Oil

Boiling Point: Bp₃ 74-76°

Optical Rotation: $[\alpha]_D^{27}$ +29.6 (neat). $[\alpha]_D^{27}$ +15 (c, 1.7 in MeOH)

Aldrich: 44535-5

Fluka: 8235

Sigma: I8522

>>Derivative: Hydrochloride

CAS Registry Number: 32457-23-1

Physical Description: Prisms (MeOH/Et₂O)

Melting Point: Mp 233-235 dec.°

Optical Rotation: $[\alpha]_D^{27}$ -3.3 (c, 5.1 in MeOH). $[\alpha]_D^{27}$ -8.8 (c, 5.0 in EtOH)