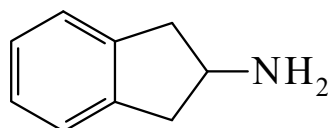




>>Entry Name: 2-Aminoindane

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



CAS Registry Number: 2975-41-9

Molecular Formula: C₉H₁₁N

Molecular Weight: 133.193

Accurate Mass: 133.089149

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

Biological Use/Importance: Possesses analgesic activity

Physical Description: Oil

Boiling Point: Bp₇₅₃ 229°. Bp₃ 79°

pKa Value: p*K*_a 9.57 (22°)

Refractive Index: n_D²⁴ 1.5596

Calculated Log P Data: Log P 1.17 (calc)

>>Derivative: Hydrochloride

CAS Registry Number: 2338-18-3

Physical Description: Cryst. (HCl or EtOH)

Melting Point: Mp 234-239°. Mp 246-249°

Hazard & Toxicity: LD₅₀ (mus, orl) 500 mg/kg

Aldrich: A5952-2

Fluka: 8240

>>Derivative: *N*-Ac

CAS Registry Number: 13935-80-3

Molecular Formula: C₁₁H₁₃NO

Molecular Weight: 175.23

Accurate Mass: 175.099714

Percentage Composition: C 75.40%; H 7.48%; N 7.99%; O 9.13%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 126-127°

References:

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