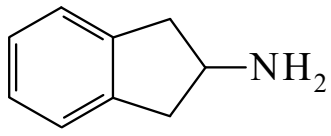
>>**Entry Name: 2-Aminoindane**

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: $C_9H_{11}N$
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: Bp_{753} 229°. Bp_3 79°
pKa Value: pK_a 9.57 (22°)
Refractive Index: n_D^{24} 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: LD_{50} (mus, orl) 500 mg/kg

Aldrich: A5952-2
Fluka: 8240

>>**Derivative:** *N*-Ac

CAS Registry Number: 13935-80-3
Molecular Formula: $C_{11}H_{13}NO$
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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