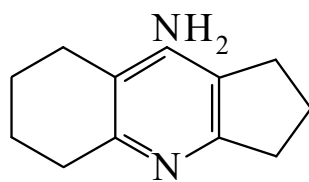




>>Entry Name: **Ipidacrine**, INN

Synonym(s): 2,3,5,6,7,8-Hexahydro-1*H*-cyclopenta[*b*]quinolin-9-amine, 9Cl. 9-Amino-2,3,5,6,7,8-hexahydro-1*H*-cyclopenta[*b*]quinoline. Amiridin. NIK 247



CAS Registry Number: 62732-44-9

Molecular Formula: C₁₂H₁₆N₂

Molecular Weight: 188.272

Accurate Mass: 188.131348

Percentage Composition: C 76.56%; H 8.57%; N 14.88%

Use/Importance: CNS stimulant. Cholinesterase inhibitor. Investigated for treatment of Alzheimer's disease

Hazard & Toxicity: LD₅₀ (mus, ipr) 39 mg/kg

>>Derivative: Hydrochloride

CAS Registry Number: 118499-70-0

Extra CAS Registry Numbers(s): 90043-86-0

Physical Description: Powder + 1H₂O (EtOH/Et₂O)

Solubility: Sol. H₂O, insol. Me₂CO, CHCl₃, Et₂O

Other Data: CAS no. applies to hydrate. Store in dark

Hazard & Toxicity: LD₅₀ (mus, orl) 68 mg/kg. LD₅₀ (mus, ipr) 44 mg/kg

References:

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Ishii, Y. *et al.*, *Neuropharmacology*, 1992, **31**, 61, (*pharmacol*)

Bukatina, E.E. *et al.*, *Neurosci. Behav. Physiol.*, 1993, **23**, 83, (*use*)

Yamamoto, T. *et al.*, *Physiol. Behav.*, 1993, **53**, 5, (*pharmacol*)

Ishii, Y. *et al.*, *Jpn. J. Pharmacol.*, 1994, **66**, 289, (*pharmacol*)

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