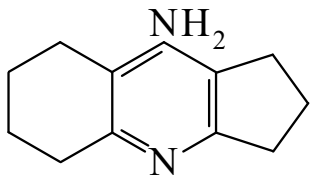
>>**Entry Name: Ipidacrine,** INN
Synonym(s): 2,3,5,6,7,8-Hexahydro-1*H*-cyclopenta[*b*]quinolin-9-amine, 9CI. 9-Amino-2,3,5,6,7,8-hexahydro-1*H*-cyclopenta[*b*]quinoline. Amiridin. NIK 247



CAS Registry Number: 62732-44-9

Molecular Formula: $C_{12}H_{16}N_2$
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: LD_{50} (mus, ipr) 39 mg/kg

>>**Derivative:** Hydrochloride

CAS Registry Number: 118499-70-0
Extra CAS Registry Numbers(s): 90043-86-0
Physical Description: Powder + $1H_2O$ ($EtOH/Et_2O$)
Solubility: Sol. H_2O, insol. Me_2CO, $CHCl_3$, Et_2O
Other Data: CAS no. applies to hydrate. Store in dark
Hazard & Toxicity: LD_{50} (mus, orl) 68 mg/kg. LD_{50} (mus, ipr) 44 mg/kg

References:

Upadysheva, A.V. *et al.*, *Khim.-Farm. Zh.*, 1977, **11**, 40; *CA*, **86**, 189676q, *(synth, pharmacol)*
U.K. Pat., 1984, 2 125 696; *CA*, **101**, 48652v, *(synth, pharmacol)*
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)*
Kojima, J. *et al.*, *CNS Drug Rev.*, 1998, **4**, 247-259

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