(±)Epibatidine

Nicotinic acetylcholine receptor ligand

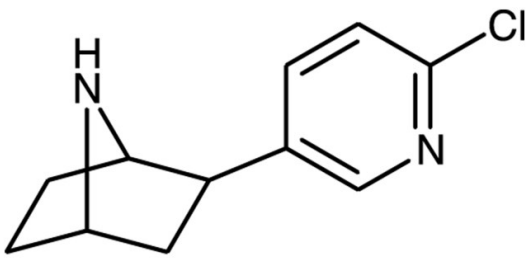
Epibatidine is an analgesic alkaloid isolated from the skin of the poison frog *Epipedobates tricolor*. It is the most potent nicotinic acetylcholine receptor agonist known. The natural (+) enantiomer is only 2-fold more potent than the (-) enantiomer with respect to analgesic activity in mice. Both enantiomers bind with high affinity (K_i=0.045 and 0.058 nM respectively) to rat brain membrane nicotinic receptors.

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BML-C114-0005	5mg

Manuals, SDS & CofA View Online »

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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White solid.
CAS	140111-52-0
Couple Target	Acetylcholine receptor
Couple Type	Ligand
Formula	$C_{11}H_{13}ClN_2$
MW	208.7
Purity	≥99% (HPLC)
Solubility	Soluble in water (5 mg/ml) or DMSO (20 mg/ml).

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