

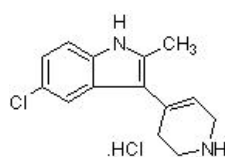
Product datasheet

EMD 386088 hydrochloride, 5-HT₆ agonist ab120328

[1 References](#) [1 Image](#)

Overview

Product name	EMD 386088 hydrochloride, 5-HT ₆ agonist
Description	Potent 5-HT ₆ agonist
Biological description	Potent 5-HT ₆ agonist (IC ₅₀ = 7.4 nM in ³ H-LSD binding and EC ₅₀ = 1.0 nM in a functional cAMP assay). Selective over other 5-HT receptors (IC ₅₀ values are 110 (5-HT _{1D}), 180 (5-HT _{1B}), 240 (5-HT _{2A}), 450 (5-HT _{2C}), 620 (5-HT ₄), 660 (5-HT _{1A}) and 3000 nM (5-HT ₇)). Shows moderate affinity at 5-HT ₃ receptors (IC ₅₀ = 34 nM). Impairs memory <i>in vivo</i> .
Purity	> 98%
CAS Number	1171123-46-8
Chemical structure	



Properties

Chemical name	5-Chloro-2-methyl-3-(1,2,3,6-tetrahydro-4-pyridinyl)-1H-Indole hydrochloride
Molecular weight	283.20
Molecular formula	C ₁₄ H ₁₅ N ₂ .HCl
PubChem identifier	56972198
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 25 mM (with heating) and in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked</p>

[questions \(FAQ\) page](#) for more details.

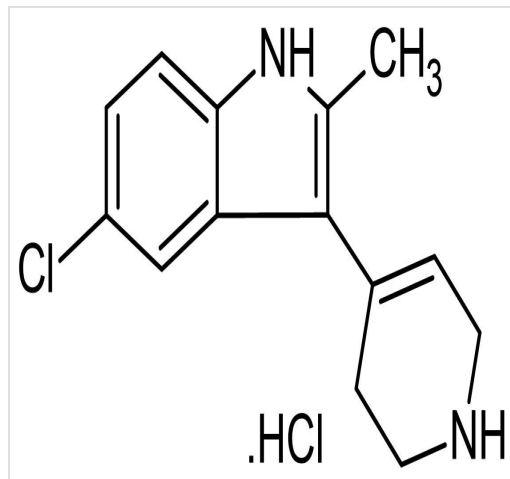
SMILES

Cl.Clc2ccc3nc(C)c(C1=CCNCC1)c3c2

Source

Synthetic

Images



2D chemical structure image of ab120328, EMD 386088 hydrochloride, 5-HT₆ agonist

Chemical Structure - EMD 386088 hydrochloride, 5-HT₆ agonist (ab120328)

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