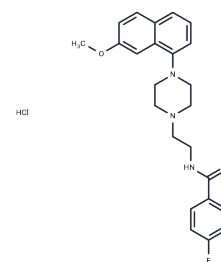


S 14506 hydrochloride

Chemical Properties

CAS No. :	286369-38-8
Formula:	C ₂₄ H ₂₇ ClFN ₃ O ₂
Molecular Weight:	443.94
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	S 14506 hydrochloride is a 5-HT _{1A} receptor full agonist.
Targets(IC ₅₀)	5-HT Receptor, Dopamine Receptor

Solubility Information

Solubility	DMSO: 200 mg/mL (450.51 mM), Sonication is recommended. Ethanol: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2526 mL	11.2628 mL	22.5256 mL
5 mM	0.4505 mL	2.2526 mL	4.5051 mL
10 mM	0.2253 mL	1.1263 mL	2.2526 mL
50 mM	0.0451 mL	0.2253 mL	0.4505 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Protais P, et al. Dopamine receptor antagonist properties of S 14506, 8-OH-DPAT, raclopride and clozapine in rodents. Eur J Pharmacol. 1994 Dec 12;271(1):167-77.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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