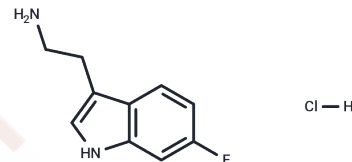


6-Fluorotryptamine hydrochloride

Chemical Properties

CAS No. :	55206-24-1
Formula:	C ₁₀ H ₁₂ ClFN ₂
Molecular Weight:	214.67
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	6-Fluorotryptamine hydrochloride is a compound used as a molecular structural unit and is a derivative of the natural tryptamine alkaloid serotonin. It is an agonist at 5-HT _{2A} and 5-HT _{2C} serotonin receptors, making it a potential candidate for the development of new drugs for the treatment of various psychiatric and neurological disorders.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (256.21 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6583 mL	23.2916 mL	46.5831 mL
5 mM	0.9317 mL	4.6583 mL	9.3166 mL
10 mM	0.4658 mL	2.3292 mL	4.6583 mL
50 mM	0.0932 mL	0.4658 mL	0.9317 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.

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