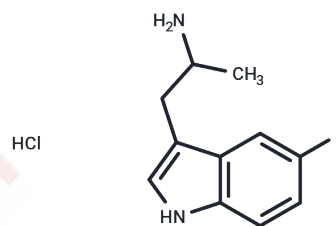


5-Fluoro- α -methyltryptamine hydrochloride

Chemical Properties

CAS No. :	776-56-7
Formula:	C ₁₁ H ₁₄ ClFN ₂
Molecular Weight:	228.69
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	5-Fluoro- α -methyltryptamine hydrochloride may increase intracellular 5-HT levels, subsequently enhancing the release of 5-HT. The EC ₅₀ values for 5-Fluoro- α -methyltryptamine hydrochloride are 37 nM for dopamine (DA), 14 nM for 5-hydroxytryptamine (5-HT), 78 nM for norepinephrine (NE), and 8.47 nM for the 5-HT _{2A} receptor.
Targets(IC ₅₀)	5-HT Receptor, Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3727 mL	21.8637 mL	43.7273 mL
5 mM	0.8745 mL	4.3727 mL	8.7455 mL
10 mM	0.4373 mL	2.1864 mL	4.3727 mL
50 mM	0.0875 mL	0.4373 mL	0.8745 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481