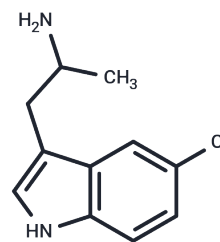


5-Chloro- α -methyltryptamine

Chemical Properties

CAS No. :	712-07-2
Formula:	C ₁₁ H ₁₃ ClN ₂
Molecular Weight:	208.69
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-Chloro- α -methyltryptamine (Compound 7b) is a potent and selective dual DA/5-HT releaser and 5-HT _{2a} agonist. Its EC ₅₀ values for the release of DA and 5-HT are 54.3 nM and 16.2 nM, respectively. This compound can be used in neurotransmitter research.
Targets(IC ₅₀)	5-HT Receptor, Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7918 mL	23.959 mL	47.918 mL
5 mM	0.9584 mL	4.7918 mL	9.5836 mL
10 mM	0.4792 mL	2.3959 mL	4.7918 mL
50 mM	0.0958 mL	0.4792 mL	0.9584 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