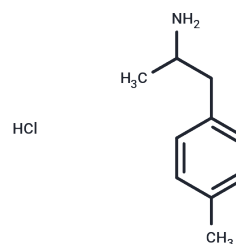


4-Methylamphetamine hydrochloride

Chemical Properties

CAS No. :	41632-56-8
Formula:	C10H16ClN
Molecular Weight:	185.69
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	4-Methylamphetamine hydrochloride is a 5-HT1A receptor agonist that induces a decrease in body temperature in rats by binding to the 5-HT1A receptor. Additionally, it increases the extracellular levels of neurotransmitters norepinephrine (NE), dopamine (DA), and serotonin (5-HT) by affecting their transporters. 4-Methylamphetamine hydrochloride is applicable in the study of neurological disorders.
Targets(IC50)	5-HT Receptor, Dopamine Receptor, Monoamine Transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3853 mL	26.9266 mL	53.8532 mL
5 mM	1.0771 mL	5.3853 mL	10.7706 mL
10 mM	0.5385 mL	2.6927 mL	5.3853 mL
50 mM	0.1077 mL	0.5385 mL	1.0771 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