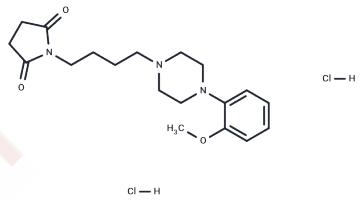
Data Sheet (Cat.No.T23007)

TargetMol

MM 77 dihydrochloride

Chemical Properties



CAS No. : 159187-70-9

Formula: C19H29Cl2N3O3

Molecular Weight: 418.36

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	MM 77 dihydrochloride is an effecitve 5-HT1A receptor postsynaptic antagonist with anxiolytic-like activity.
Targets(IC50)	5-HT Receptor

Solubility Information

Solubility	DMSO: 20 mg/mL (47.81 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3903 mL	11.9514 mL	23.9029 mL
5 mM	0.4781 mL	2.3903 mL	4.7806 mL
10 mM	0.239 mL	1.1951 mL	2.3903 mL
50 mM	0.0478 mL	0.239 mL	0.4781 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

Andrzej J Bojarski, et al. New imide 5-HT1A receptor ligands - modification of terminal fragment geometry. Molecules. 2004 Feb 28;9(3):170-7.
Briones-Aranda Alfredo, et al. Effect of the postsynaptic 5-HT1A receptor antagonist MM-77 on stressed mice treated with 5-HT1A receptor agents. Eur J Pharmacol. 2005 Jan 31;508(1-3):155-8.

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