Data Sheet (Cat.No.T69104)

TargetMol

SAX-187 hydrochloride

Chemical Properties

CAS No. : 554403-08-6

Formula: C15H14Cl2N4O2S2

Molecular Weight: 417.33

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	SAX-187 hydrochloride is a potent and selective 5-HT6 receptor agonist. SAX-187 hydrochloride possesses high affinity binding (2.2 and 4.8 nM, respectively) at the human 5-HT6 receptor and profile as full receptor agonists (SAX-187 hydrochloride: EC50=6.6 nM, Emax=93%). In the rat frontal cortex, acute administration of SAX-187 hydrochloride (3-30 mg/kg, subcutaneous (s.c.)) significantly increased extracellular GABA concentrations without altering the levels of glutamate or norepinephrine.
Targets(IC50)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3962 mL	11.9809 mL	23.9619 mL
5 mM	0.4792 mL	2.3962 mL	4.7924 mL
10 mM	0.2396 mL	1.1981 mL	2.3962 mL
50 mM	0.0479 mL	0.2396 mL	0.4792 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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