

LP 12 hydrochloride

Chemical Properties

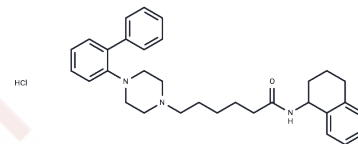
CAS No. : 1185136-22-4

Formula: C₃₂H₄₀ClN₃O

Molecular Weight: 518.14

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	LP 12 hydrochloride is a selective 5-HT ₇ receptor agonist (K _i =0.13 nM). LP 12 hydrochloride is selective for 5-HT ₇ over D ₂ , 5-HT _{1A} , and 5-HT _{2A} receptors (K _i values of 224 nM, 60.9 nM, and >1000 nM, respectively).
Targets(IC ₅₀)	Others,5-HT Receptor

Solubility Information

Solubility	DMSO: > 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.930 mL	9.6499 mL	19.2998 mL
5 mM	0.386 mL	1.930 mL	3.860 mL
10 mM	0.193 mL	0.965 mL	1.930 mL
50 mM	0.0386 mL	0.193 mL	0.386 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481