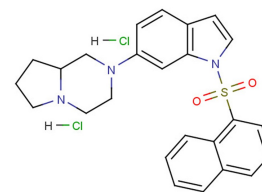


NPS ALX Compound 4a dihydrochloride

Chemical Properties

CAS No.:	1781934-44-8
Formula:	C ₂₅ H ₂₇ Cl ₂ N ₃ O ₂ S
Molecular Weight:	504.47
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	NPS ALX Compound 4a dihydrochloride is a potent and selective antagonist of 5-HT ₆ receptor (IC ₅₀ of 7.2 nM)
Targets(IC ₅₀)	5-HT ₆ Receptor: 0.2 nM (ki)

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.982 mL	9.911 mL	19.823 mL
5 mM	0.396 mL	1.982 mL	3.965 mL
10 mM	0.198 mL	0.991 mL	1.982 mL
50 mM	0.04 mL	0.198 mL	0.396 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Isaac M, et al. 6-Bicyclopiperazinyl-1-arylsulfonylindoles and 6-bicyclopiperidinyl-1-arylsulfonylindoles derivatives as novel, potent, and selective 5-HT₆ receptor antagonists. *Bioorg Med Chem Lett*. 2000 Aug 7;10(15):1719-21.

Inhibitors · Natural Compounds · Compound Libraries

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