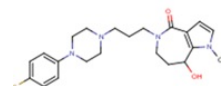


5-HT2 antagonist 1

Chemical Properties

CAS No.:	191592-09-3
Formula:	C22H29FN4O2
Molecular Weight:	400.49
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	5-HT2 antagonist 1 is a potent 5-HT2 receptor antagonist, has weak α 1 adrenoceptor blocking activity.
Targets(IC ₅₀)	Others: None
In vitro	5-HT2 antagonist 1 causes 1% and 10% inhibition of 10 μ M norepinephrine-induced contraction at 10 and 100 nM, respectively, in guinea pig aorta.

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	2.497 mL	12.485 mL	24.969 mL
5 mM	0.499 mL	2.497 mL	4.994 mL
10 mM	0.25 mL	1.248 mL	2.497 mL
50 mM	0.05 mL	0.25 mL	0.499 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. Mizuno A, et al. Synthesis and serotonin 2 (5-HT2) receptor antagonist activity of 5-aminoalkyl-substituted pyrrolo[3,2-c]azepines and related compounds. Chem Pharm Bull (Tokyo). 2000 May;48(5):623-35.

Inhibitors · Natural Compounds · Compound Libraries

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