

BF-1

Chemical Properties

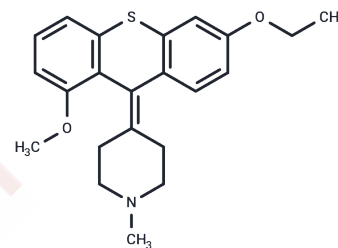
CAS No. : 518980-66-0

Formula: C₂₂H₂₅NO₂S

Molecular Weight: 367.50

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	BF-1 is a novel selective 5-HT ₂ receptor antagonist that acts by blocking neurogenic dural plasma protein extravasation induced by mCPP or BW723C86. BF-1 is used in the study of migraine.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7211 mL	13.6054 mL	27.2109 mL
5 mM	0.5442 mL	2.7211 mL	5.4422 mL
10 mM	0.2721 mL	1.3605 mL	2.7211 mL
50 mM	0.0544 mL	0.2721 mL	0.5442 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

Schmitz B, et al. BF-1--a novel selective 5-HT_{2B} receptor antagonist blocking neurogenic dural plasma protein extravasation in guinea pigs. Eur J Pharmacol. 2015 Mar 15;751:73-80.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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