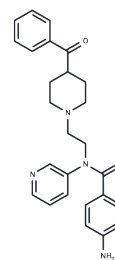


5-HT2A antagonist 1

Chemical Properties

CAS No. :	204643-75-4
Formula:	C ₂₆ H ₂₈ N ₄ O ₂
Molecular Weight:	428.53
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	5-HT2A antagonist 1 is a 5-HT2A receptor blocker that may be useful in treating gastrointestinal and circulatory disorders.
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3336 mL	11.6678 mL	23.3356 mL
5 mM	0.4667 mL	2.3336 mL	4.6671 mL
10 mM	0.2334 mL	1.1668 mL	2.3336 mL
50 mM	0.0467 mL	0.2334 mL	0.4667 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

- Aoki Tsuyoshi, et al. Substituted cyclic amine compound, production process thereof and pharmaceutical composition for circulatory organ use containing the same. US5728835A
- Sekiguchi M, et al. The effects of a 5-HT2A receptor antagonist on blood flow in lumbar disc herniation: application of nucleus pulposus in a canine model. Eur Spine J. 2008 Feb;17(2):307-13.

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