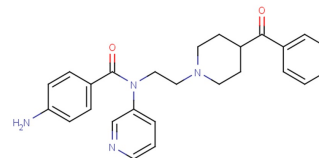


5-HT2A antagonist 1

Chemical Properties

CAS No.:	204643-75-4
Formula:	C ₂₆ H ₂₈ N ₄ O ₂
Molecular Weight:	428.53
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	5-HT2A antagonist 1 is a 5-HT2A antagonist extracted from patent US5728835A and JP 1007727. It may be useful in the treatment of gastrointestinal disorders circulatory disorders.
Targets(IC ₅₀)	5-HT2A: None

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	2.334 mL	11.668 mL	23.336 mL
5 mM	0.467 mL	2.334 mL	4.667 mL
10 mM	0.233 mL	1.167 mL	2.334 mL
50 mM	0.047 mL	0.233 mL	0.467 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. Aoki Tsuyoshi, et al. Substituted cyclic amine compound, production process thereof and pharmaceutical composition for circulatory organ use containing the same. US5728835A
2. Preparation of 3-pyridylamines as 5-HT2 receptor antagonists for treatment of circulatory disorders

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