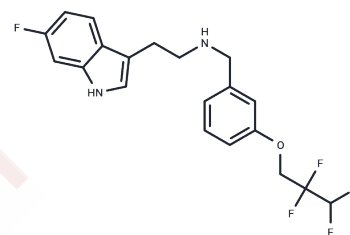


idalopirdine

Chemical Properties

CAS No. :	467459-31-0
Formula:	C ₂₀ H ₁₉ F ₅ N ₂ O
Molecular Weight:	398.37
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	Idalopirdine (Lu AE58054), a selective 5-HT ₆ receptor antagonist(K _i : 0.83 nM), as a treatment for Alzheimer's disease.
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (138.06 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5102 mL	12.5511 mL	25.1023 mL
5 mM	0.502 mL	2.5102 mL	5.0205 mL
10 mM	0.251 mL	1.2551 mL	2.5102 mL
50 mM	0.0502 mL	0.251 mL	0.502 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

Galimberti D , Scarpini E . Idalopirdine as a treatment for Alzheimer's disease[J]. Expert Opinion on Investigational Drugs, 2015, 24(7):981-987.

Arnt J , Bang-Andersen B , Grayson B , et al. Lu AE58054, a 5-HT₆ antagonist, reverses cognitive impairment induced by subchronic phencyclidine in a novel object recognition test in rats[J]. The International Journal of Neuropsychopharmacology, 2010, 13(08):1021-1033.

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