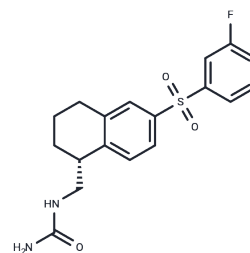


Landipirdine

Chemical Properties

CAS No. :	1000308-25-7
Formula:	C ₁₈ H ₁₉ FN ₂ O ₃ S
Molecular Weight:	362.42
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	Landipirdine (RO-5025181) is a selective 5-HT ₆ R antagonist for the study of central nervous system disorders such as dementia.
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 45 mg/mL (124.17 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	2.7592 mL	13.7961 mL	27.5923 mL
5 mM	0.5518 mL	2.7592 mL	5.5185 mL
10 mM	0.2759 mL	1.3796 mL	2.7592 mL
50 mM	0.0552 mL	0.2759 mL	0.5518 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

Harris RN 3rd, et al. Highly potent, non-basic 5-HT₆ ligands. Site mutagenesis evidence for a second binding mode at 5-HT₆ for antagonism. *Bioorg Med Chem Lett.* 2010 Jun 1;20(11):3436-40.

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