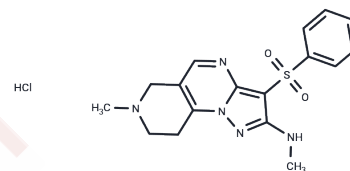


AVN-322

Chemical Properties

CAS No. : 1194574-68-9
 Formula: C₁₇H₂₀ClN₅O₂S
 Molecular Weight: 393.89
 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	AVN-322 is an orally active and specific 5-HT ₆ R antagonist for the study of CNS disorders such as impaired memory and schizophrenia.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5388 mL	12.6939 mL	25.3878 mL
5 mM	0.5078 mL	2.5388 mL	5.0776 mL
10 mM	0.2539 mL	1.2694 mL	2.5388 mL
50 mM	0.0508 mL	0.2539 mL	0.5078 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

Alexandre V Ivachtchenko, et al. AVN-322 is a Safe Orally Bio-Available Potent and Highly Selective Antagonist of 5-HT₆R with Demonstrated Ability to Improve Impaired Memory in Animal Models. *Curr Alzheimer Res.* 2017;14(3): 268-294.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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