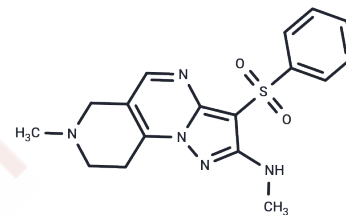


AVN 322 free base

Chemical Properties

CAS No. :	1194574-33-8
Formula:	C17H19N5O2S
Molecular Weight:	357.43
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 free base is an orally available, selective and potent 5-HT6R antagonist for the study of neuropathic system disorders such as Alzheimer's disease (AD) and schizophrenia.
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7978 mL	13.9888 mL	27.9775 mL
5 mM	0.5596 mL	2.7978 mL	5.5955 mL
10 mM	0.2798 mL	1.3989 mL	2.7978 mL
50 mM	0.056 mL	0.2798 mL	0.5596 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

Ivachtchenko AV, 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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