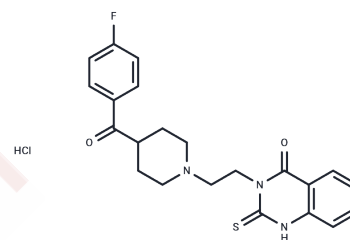


Altanserin hydrochloride

Chemical Properties

CAS No. :	1135280-78-2
Formula:	C ₂₂ H ₂₃ ClFN ₃ O ₂ S
Molecular Weight:	447.95
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	Altanserin hydrochloride is a highly selective 5-HT _{2A} antagonist. It is used as a PET imaging radioligand to quantify 5-HT _{2A} distribution in depression and schizophrenia research.
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 72 mg/mL (160.73 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	2.2324 mL	11.162 mL	22.3239 mL
5 mM	0.4465 mL	2.2324 mL	4.4648 mL
10 mM	0.2232 mL	1.1162 mL	2.2324 mL
50 mM	0.0446 mL	0.2232 mL	0.4465 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

Huwyler J, et, al. Brain drug delivery of small molecules using immunoliposomes. Proc Natl Acad Sci U S A. 1996 Nov 26;93(24):14164-9.

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