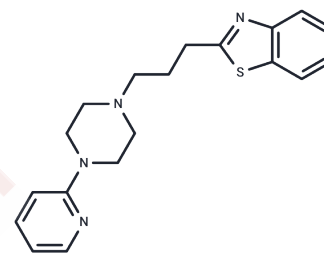


D4R agonist-1

Chemical Properties

CAS No. :	2826198-44-9
Formula:	C19H22N4S
Molecular Weight:	338.47
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	D4R agonist-1 is a selective and potent D4R partial agonist (Ki:2.2 nM).D4R agonist-1 can be used to study neurological diseases.
Targets(IC50)	Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9545 mL	14.7724 mL	29.5447 mL
5 mM	0.5909 mL	2.9545 mL	5.9089 mL
10 mM	0.2954 mL	1.4772 mL	2.9545 mL
50 mM	0.0591 mL	0.2954 mL	0.5909 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

Boateng CA, et al. Pharmacology and Therapeutic Potential of Benzothiazole Analogues for Cocaine Use Disorder. J Med Chem. 2023 Aug 30.

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