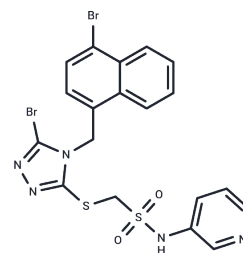


URAT1 inhibitor 1

Chemical Properties

CAS No. :	2268720-62-1
Formula:	C19H15Br2N5O2S2
Molecular Weight:	569.29
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	URAT1 inhibitor 1 (1g) is a potent inhibitor of uric acid transporter 1 (URAT1) with an IC50 of 32 nM, and has potential therapeutic applications for treating hyperuricemia associated with gout.
Targets(IC50)	OAT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7566 mL	8.7829 mL	17.5657 mL
5 mM	0.3513 mL	1.7566 mL	3.5131 mL
10 mM	0.1757 mL	0.8783 mL	1.7566 mL
50 mM	0.0351 mL	0.1757 mL	0.3513 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

Wu JW, et al. Synthesis, biological evaluation and 3D-QSAR studies of 1,2,4-triazole-5-substituted carboxylic acid bioisosteres as uric acid transporter 1 (URAT1) inhibitors for the treatment of hyperuricemia associated with gout. *Bioorg Med Chem Lett.* 2019 Feb 1;29(3):383-388.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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