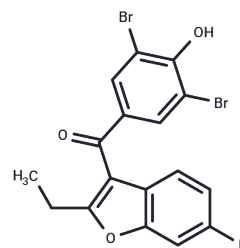


hURAT1 inhibitor 2

Chemical Properties

CAS No. :	1402818-99-8
Formula:	C17H11Br2FO3
Molecular Weight:	442.074
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	hURAT1 inhibitor 2 (Compound 5) is an inhibitor of hURAT1 (uric acid transporter 1, SLC22A12) with an IC50 of 18 nM. It also exhibits some inhibitory activity against OATP1B1, with an IC50 of 0.73 μM. hURAT1 inhibitor 2 can be used in research related to hyperuricemia, gout, and other diseases associated with abnormal uric acid metabolism.
Targets(IC50)	OAT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2621 mL	11.3104 mL	22.6209 mL
5 mM	0.4524 mL	2.2621 mL	4.5242 mL
10 mM	0.2262 mL	1.131 mL	2.2621 mL
50 mM	0.0452 mL	0.2262 mL	0.4524 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481