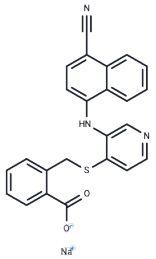
Data Sheet (Cat.No.T62432)

TargetMol

KPH2f

Chemical Properties



CAS No. : 2760615-09-4

Formula: C24H16N3NaO2S

Molecular Weight: 433.46

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	KPH2f, a dual URAT1/GLUT9 inhibitor, demonstrates safety, oral activity, and efficacy, with inhibitory concentrations (IC50s) of 0.24 μM for URAT1 and 9.37 μM for GLUT9. It exhibits minimal effects on OAT1 and ABCG2, with IC50 values of 32.14 μM and 26.74 μM, respectively [1].
Targets(IC50)	OAT,Others,transporter

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.307 mL	11.5351 mL	23.0702 mL
5 mM	0.4614 mL	2.307 mL	4.614 mL
10 mM	0.2307 mL	1.1535 mL	2.307 mL
50 mM	0.0461 mL	0.2307 mL	0.4614 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.

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