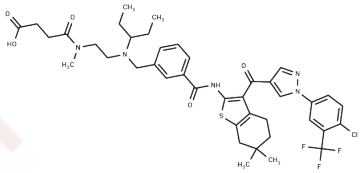
Data Sheet (Cat.No.T78146)

TargetMol

NaPi2b-IN-2

Chemical Properties



CAS No. : 2227445-31-8

Formula: C41H47ClF3N5O5S

Molecular Weight: 814.36

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	NaPi2b-IN-2 (compound 5) is a potent inhibitor of the sodium-dependent transport protein 2b (SLC34A2, NaPi2b), with an IC50 of 38 nM against human NaPi2b. It holds potential for hyperphosphatemia research [1].
Targets(IC50)	Others,Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.228 mL	6.1398 mL	12.2796 mL
5 mM	0.2456 mL	1.228 mL	2.4559 mL
10 mM	0.1228 mL	0.614 mL	1.228 mL
50 mM	0.0246 mL	0.1228 mL	0.2456 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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