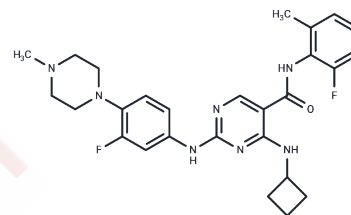


SIKs-IN-1

Chemical Properties

CAS No. :	2927557-06-8
Formula:	C27H31F2N7O
Molecular Weight:	507.58
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	SIKs-IN-1 (compound 8h), a pyrimidine-5-carboxamide derivative, functions as an inhibitor of Salt-inducible kinases (SIKs), which play a role in M1/M2 macrophage polarization linked to inflammation. By inhibiting SIK activity, this compound increases anti-inflammatory cytokine IL-10 and decreases pro-inflammatory cytokine IL-12, demonstrating significant anti-inflammatory efficacy in a DSS-induced colitis model [1].
Targets(IC50)	Others,SIK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9701 mL	9.8507 mL	19.7013 mL
5 mM	0.394 mL	1.9701 mL	3.9403 mL
10 mM	0.197 mL	0.9851 mL	1.9701 mL
50 mM	0.0394 mL	0.197 mL	0.394 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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