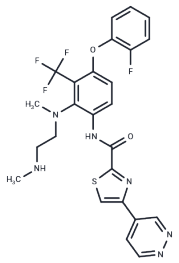
Data Sheet (Cat.No.T210977)

TargetMol

DGK-IN-9

Chemical Properties



CAS No. : 3081525-23-4

Formula: C25H22F4N6O2S

Molecular Weight: 546.54

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	DGK-IN-9 (Compound 15) is an orally active and selective inhibitor of DGKζ with an IC50 of 6.1 nM. It is capable of activating IL-2 expression in Jurkat-IL2 nanoluc cells with an EC50 of 153 nM. DGK-IN-9 is applicable in tumor research.
Targets(IC50)	Others,Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8297 mL	9.1485 mL	18.2969 mL
5 mM	0.3659 mL	1.8297 mL	3.6594 mL
10 mM	0.183 mL	0.9148 mL	1.8297 mL
50 mM	0.0366 mL	0.183 mL	0.3659 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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