

ITK inhibitor 5

Chemical Properties

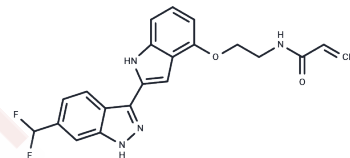
CAS No. : 2404603-41-2

Formula: C₂₁H₁₈F₂N₄O₂

Molecular Weight: 396.39

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	ITK inhibitor 5 (compound 27) is a highly potent and selective ITK inhibitor, demonstrating IC ₅₀ values of 5.6 nM for ITK and 25 nM for BTK [1].
Targets(IC ₅₀)	Others, Tyrosine Kinases

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5228 mL	12.6138 mL	25.2277 mL
5 mM	0.5046 mL	2.5228 mL	5.0455 mL
10 mM	0.2523 mL	1.2614 mL	2.5228 mL
50 mM	0.0505 mL	0.2523 mL	0.5046 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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