

SGK1-IN-6

Chemical Properties

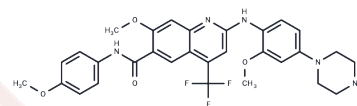
CAS No. : 3046378-98-4

Formula: C₃₀H₃₀F₃N₅O₄

Molecular Weight: 581.586

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	SGK1-IN-6 (compound 12f) is an SGK1 inhibitor with an IC ₅₀ value of 0.39 μM. In PC3 xenograft models using BALB/c nude mice, SGK1-IN-6 effectively hinders tumor growth without causing any observable toxicity.
Targets(IC ₅₀)	SGK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7194 mL	8.5971 mL	17.1942 mL
5 mM	0.3439 mL	1.7194 mL	3.4388 mL
10 mM	0.1719 mL	0.8597 mL	1.7194 mL
50 mM	0.0344 mL	0.1719 mL	0.3439 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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