

GK420

Chemical Properties

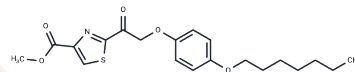
CAS No. : 1621517-60-9

Formula: C₂₀H₂₅N₁O₅S

Molecular Weight: 391.481

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	GK420 (AVX420) is a potent inhibitor of cytoplasmic phospholipase A ₂ α (cPLA ₂ α), with an XI(50) value of 0.0016. It effectively inhibits the release of arachidonic acid, with an EC ₅₀ of 0.09 μM. GK420 plays a significant role in cancer research.
Targets(IC ₅₀)	Phospholipase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5544 mL	12.772 mL	25.5441 mL
5 mM	0.5109 mL	2.5544 mL	5.1088 mL
10 mM	0.2554 mL	1.2772 mL	2.5544 mL
50 mM	0.0511 mL	0.2554 mL	0.5109 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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