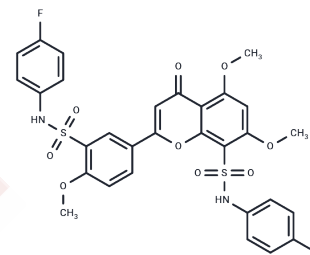


STAT3-IN-36

Chemical Properties

CAS No. : 3055766-74-7
 Formula: C30H24F2N2O9S2
 Molecular Weight: 658.65
 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	STAT3-IN-36 (compound 11g) is a tritarget inhibitor that selectively targets LRPPRC, STAT3, and CDK1, exhibiting potent anticancer activity. This compound binds to LRPPRC, STAT3, and CDK1, demonstrating more effective anticancer effects than those of TMF or Capecitabine. Additionally, STAT3-IN-36 exhibits an IC50 value of 1.8 μ M in HGC27 cells.
Targets(IC50)	GluR,STAT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5183 mL	7.5913 mL	15.1826 mL
5 mM	0.3037 mL	1.5183 mL	3.0365 mL
10 mM	0.1518 mL	0.7591 mL	1.5183 mL
50 mM	0.0304 mL	0.1518 mL	0.3037 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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