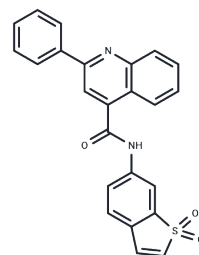


HJC-0123

Chemical Properties

CAS No. : 1430420-02-2
 Formula: C₂₄H₁₆N₂O₃S
 Molecular Weight: 412.46
 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	Downregulate phosphorylation of STAT3, increase the expression of cleaved caspase-3, inhibit cell cycle progression and promote apoptosis in breast and pancreatic cancer cells with low micromolar to nanomolar IC ₅₀ values. Furthermore, HJC-0123 significantly suppressed estrogen receptor (ER)-negative breast cancer MDA-MB-231 xenograft tumor growth in vivo (p.o.), indicating its great potential as an efficacious and orally bioavailable drug candidate for human cancer therapy.
Targets(IC ₅₀)	Apoptosis,Others,STAT,Interleukin,TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4245 mL	12.1224 mL	24.2448 mL
5 mM	0.4849 mL	2.4245 mL	4.849 mL
10 mM	0.2424 mL	1.2122 mL	2.4245 mL
50 mM	0.0485 mL	0.2424 mL	0.4849 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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