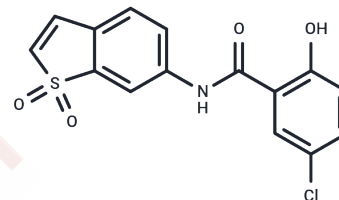


HJC0149

Chemical Properties

CAS No. : 1430330-65-6
 Formula: C₁₅H₁₀ClNO₄S
 Molecular Weight: 335.76
 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	HJC0149 is a potent orally bioavailable signal transducer and activator of transcription 3 inhibitor.
Targets(IC50)	Others,STAT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9783 mL	14.8916 mL	29.7832 mL
5 mM	0.5957 mL	2.9783 mL	5.9566 mL
10 mM	0.2978 mL	1.4892 mL	2.9783 mL
50 mM	0.0596 mL	0.2978 mL	0.5957 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.

Reference

Chen H, Yang Z, Ding C, Xiong A, Wild C, Wang L, Ye N, Cai G, Flores RM, Ding Y, Shen Q, Zhou J. Discovery of potent anticancer agent HJC0416, an orally bioavailable small molecule inhibitor of signal transducer and activator of transcription 3 (STAT3). *Eur J Med Chem.* 2014 Jul 23;82:195-203. doi: 10.1016/j.ejmech.2014.05.049. Epub 2014 May 22. PubMed PMID: 24904966; PubMed Central PMCID: PMC4096847.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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