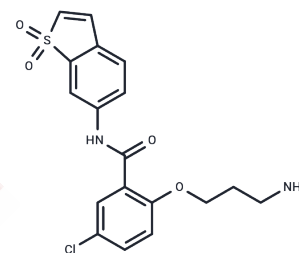


HJC0416

Chemical Properties

CAS No. : 1617518-22-5
 Formula: C₁₈H₁₇ClN₂O₄S
 Molecular Weight: 392.86
 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	HJC0416 is a potent orally bioavailable signal transducer and activator of transcription 3 inhibitor.
Targets(IC50)	Apoptosis,Others,STAT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5454 mL	12.7272 mL	25.4544 mL
5 mM	0.5091 mL	2.5454 mL	5.0909 mL
10 mM	0.2545 mL	1.2727 mL	2.5454 mL
50 mM	0.0509 mL	0.2545 mL	0.5091 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481