

CCT077791

Chemical Properties

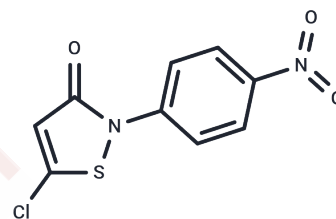
CAS No. : 748777-47-1

Formula: C₉H₅ClN₂O₃S

Molecular Weight: 256.67

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	CCT077791 is a potent inhibitor of p300 and PCAF histone acetyltransferase activity for cancer research.
Targets(IC50)	Epigenetic Reader Domain,Histone Acetyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8961 mL	19.4803 mL	38.9605 mL
5 mM	0.7792 mL	3.8961 mL	7.7921 mL
10 mM	0.3896 mL	1.948 mL	3.8961 mL
50 mM	0.0779 mL	0.3896 mL	0.7792 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

Adibpour N, Khalaj A, Rezaee S, Daneshtalab M. In vitro antifungal activity of 2-(4-substituted phenyl)-3(2H)-isothiazolones. Folia Microbiol (Praha). 2007;52(6):573-6.

Huang M, et al. Histone acetyltransferase inhibitors: An overview in synthesis, structure-activity relationship and molecular mechanism. Eur J Med Chem. 2019 Sep 15;178:259-286.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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