

JAK/HDAC-IN-4

Chemical Properties

CAS No. :

Formula: C30H32N8O5S

Molecular Weight: 616.69

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	JAK/HDAC-IN-4 (compound 11 i) is a dual inhibitor targeting both JAK2 and HDAC6, with IC50 values of 0.49 nM and 12 nM respectively. It inhibits cell proliferation and the production of nitric oxide. In a mouse model induced by Imiquimod, JAK/HDAC-IN-4 ameliorates psoriasiform skin lesions with low toxicity.
Targets(IC50)	HDAC,JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6216 mL	8.1078 mL	16.2156 mL
5 mM	0.3243 mL	1.6216 mL	3.2431 mL
10 mM	0.1622 mL	0.8108 mL	1.6216 mL
50 mM	0.0324 mL	0.1622 mL	0.3243 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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