

JAK/HDAC-IN-3

Chemical Properties

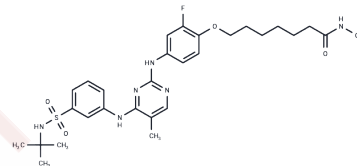
CAS No. : 3029138-70-0

Formula: C₂₈H₃₇FN₆O₅S

Molecular Weight: 588.69

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-3 (13a), a dual inhibitor of JAK and HDAC, exhibits IC ₅₀ values of 25.36 nM for JAK2, 0.2 μM for HDAC, and 0.43 μM for HDAC1, respectively [1].
Targets(IC ₅₀)	HDAC,JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6987 mL	8.4934 mL	16.9869 mL
5 mM	0.3397 mL	1.6987 mL	3.3974 mL
10 mM	0.1699 mL	0.8493 mL	1.6987 mL
50 mM	0.034 mL	0.1699 mL	0.3397 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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