

JPS014 TFA

Chemical Properties

CAS No. :

Formula: C48H60F3N7O9S

Molecular Weight: 968.09

Keep away from direct sunlight

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	JPS014 TFA, a benzamide-based Von Hippel-Lindau (VHL) E3-ligase proteolysis targeting chimera (PROTAC), effectively degrades class I histone deacetylase (HDAC), particularly HDAC1/2. This activity is associated with a higher number of differentially expressed genes and increased apoptosis in HCT116 cells [1].
Targets(IC50)	Apoptosis,HDAC,PROTACs

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.033 mL	5.1648 mL	10.3296 mL
5 mM	0.2066 mL	1.033 mL	2.0659 mL
10 mM	0.1033 mL	0.5165 mL	1.033 mL
50 mM	0.0207 mL	0.1033 mL	0.2066 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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