

FF2039

Chemical Properties

CAS No. :

Formula: C43H56Cl3N5O6

Molecular Weight: 845.29

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	FF2039 (compound 1j) is a PROTAC degrader specifically targeting HDAC1, HDAC6, and various subtypes of class I, IIa, and IIb HDACs. It induces cell cycle arrest and apoptosis, showing significant antiproliferative activity against both hematological and solid tumor cell lines. The IC50 values for FF2039 against HDAC1, HDAC2, HDAC4, and HDAC6 are 1.03, 2.15, 12.4, and 0.053 μ M, respectively. FF2039 exhibits antiproliferative effects on solid tumors such as MM.1S, MDA-MB-231, and U-87MG, with EC50 values of 2.8, 28, and 30 μ M, respectively.
Targets(IC50)	Apoptosis,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.183 mL	5.9151 mL	11.8303 mL
5 mM	0.2366 mL	1.183 mL	2.3661 mL
10 mM	0.1183 mL	0.5915 mL	1.183 mL
50 mM	0.0237 mL	0.1183 mL	0.2366 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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