

PI3K/HDAC-IN-1

Chemical Properties

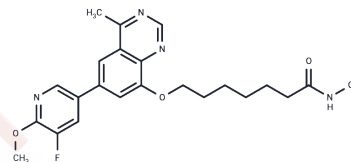
CAS No. : 2361418-52-0

Formula: C₂₂H₂₅FN₄O₄

Molecular Weight: 428.46

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	PI3K/HDAC-IN-1 is a potent dual inhibitor of PI3K and HDAC, with IC ₅₀ values of 8.1 nM and 1.4 nM, respectively.
Targets(IC ₅₀)	HDAC,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3339 mL	11.6697 mL	23.3394 mL
5 mM	0.4668 mL	2.3339 mL	4.6679 mL
10 mM	0.2334 mL	1.167 mL	2.3339 mL
50 mM	0.0467 mL	0.2334 mL	0.4668 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

Zhang K, et al. Design, Synthesis, and Biological Evaluation of 4-Methyl Quinazoline Derivatives as Anticancer Agents Simultaneously Targeting Phosphoinositide 3-Kinases and Histone Deacetylases. J Med Chem. 2019 May 29.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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