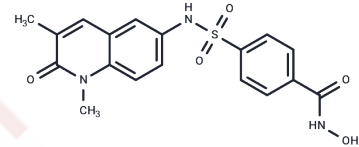


HDAC6/8/BRPF1-IN-1

Chemical Properties

CAS No. : 2484255-65-2
 Formula: C₁₈H₁₇N₃O₅
 Molecular Weight: 387.41
 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	HDAC6/8/BRPF1-IN-1 is a dual inhibitor targeting HDAC6, HDAC8, and the bromodomain and PHD finger containing protein 1 (BRPF1). It exhibits inhibitory activity against HDAC1, HDAC6, and HDAC8 with IC ₅₀ values of 797 nM, 344 nM, and 908 nM, respectively, and inhibits BRPF1 with a K _d value of 175.2 nM. This compound is utilized in cancer research [1].
Targets(IC ₅₀)	Others,HDAC
In vitro	HDAC6/8/BRPF1-IN-1 exhibits inhibitory activity against HDAC1, HDAC6, and HDAC8, with IC ₅₀ values of 797 nM, 344 nM, and 908 nM, respectively, and demonstrates inhibition of BRPF1 with a K _d value of 175.2 nM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5812 mL	12.9062 mL	25.8124 mL
5 mM	0.5162 mL	2.5812 mL	5.1625 mL
10 mM	0.2581 mL	1.2906 mL	2.5812 mL
50 mM	0.0516 mL	0.2581 mL	0.5162 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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