

HDAC-IN-41

Chemical Properties

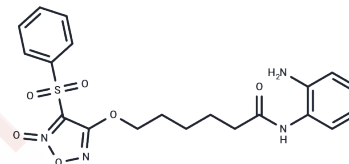
CAS No. : 2490309-83-4

Formula: C₂₀H₂₂N₄O₆S

Molecular Weight: 446.48

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	HDAC-IN-41 (Compound 7c) is an orally active, selective class I HDAC inhibitor targeting HDAC1 (IC ₅₀ : 0.62 μM), HDAC2 (IC ₅₀ : 1.46 μM), and HDAC3 (IC ₅₀ : 0.62 μM). HDAC-IN-41 also exhibits NO-releasing activity.
Targets(IC ₅₀)	Others,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2397 mL	11.1987 mL	22.3974 mL
5 mM	0.4479 mL	2.2397 mL	4.4795 mL
10 mM	0.224 mL	1.1199 mL	2.2397 mL
50 mM	0.0448 mL	0.224 mL	0.4479 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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