

HDAC3-IN-6

Chemical Properties

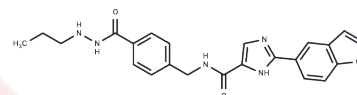
CAS No. :

Formula: C₂₃H₂₃N₅O₃

Molecular Weight: 417.46

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	HDAC3-IN-6 (Compound SC26) is a selective HDAC3 inhibitor with an IC ₅₀ of 53 nM. It induces PD-L1 expression in a dose-dependent manner and leads to significant apoptosis and reactive oxygen species (ROS) production. HDAC3-IN-6 exhibits strong antitumor efficacy against colorectal cancer.
Targets(IC ₅₀)	Apoptosis, Reactive Oxygen Species, HDAC, PD-1/PD-L1, ROS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3954 mL	11.9772 mL	23.9544 mL
5 mM	0.4791 mL	2.3954 mL	4.7909 mL
10 mM	0.2395 mL	1.1977 mL	2.3954 mL
50 mM	0.0479 mL	0.2395 mL	0.4791 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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