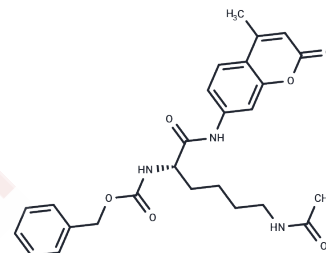


Z-MAL

Chemical Properties

CAS No. :	642463-22-7
Formula:	C ₂₆ H ₂₉ N ₃ O ₆
Molecular Weight:	479.53
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	Z-MAL is an efficient, broad-spectrum substrate for HDAC. It exhibits potent conversion activity for both Class I and II histone deacetylases as well as Class III SIRT1. Z-MAL is utilized in research focused on the structure-activity relationship, subtype selectivity, and inhibitor screening of HDAC.
Targets(IC50)	HDAC,Sirtuin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0854 mL	10.4269 mL	20.8538 mL
5 mM	0.4171 mL	2.0854 mL	4.1708 mL
10 mM	0.2085 mL	1.0427 mL	2.0854 mL
50 mM	0.0417 mL	0.2085 mL	0.4171 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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