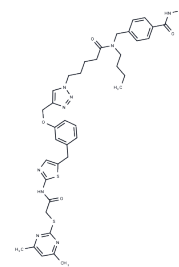


Mz325

## Chemical Properties

CAS No. : 3032670-12-2  
Formula: C<sub>38</sub>H<sub>45</sub>N<sub>9</sub>O<sub>5</sub>S<sub>2</sub>  
Molecular Weight: 771.95  
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	Mz325 is an effective dual inhibitor of HDAC6 and SIRT2, with IC <sub>50</sub> values of 0.043 μM and 0.32 μM respectively, and can be used for the study of tubulin deacetylation.
Targets(IC <sub>50</sub> )	HDAC,Sirtuin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2954 mL	6.4771 mL	12.9542 mL
5 mM	0.2591 mL	1.2954 mL	2.5908 mL
10 mM	0.1295 mL	0.6477 mL	1.2954 mL
50 mM	0.0259 mL	0.1295 mL	0.2591 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

Laura Sinatra, et al. Development of First-in-Class Dual Sirt2/HDAC6 Inhibitors as Molecular Tools for Dual Inhibition of Tubulin Deacetylation. J Med Chem. 2023 Nov 9;66(21):14787-14814.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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