

Biotin-epoxomicin

Chemical Properties

CAS No. :	1334608-28-4
Formula:	C35H60N6O8S
Molecular Weight:	724.96
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Biotin-epoxomicin is a biotin-labeled form of epoxomicin. It acts as a high-affinity probe targeting the proteasome (Proteasome) and is capable of covalently binding to various proteasome catalytic subunits, such as LMP7, Z, and MECL1.
Targets(IC50)	Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3794 mL	6.8969 mL	13.7939 mL
5 mM	0.2759 mL	1.3794 mL	2.7588 mL
10 mM	0.1379 mL	0.6897 mL	1.3794 mL
50 mM	0.0276 mL	0.1379 mL	0.2759 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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