

## Biotin-(Oaa)3-epoxomicin

## Chemical Properties

CAS No. :	247068-92-4
Formula:	C54H95N9O11S
Molecular Weight:	1078.47
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-(Oaa)3-epoxomicin (Compound 13) is the biotinylated active form of Epoxomicin. It serves as a high-affinity probe targeting the proteasome. Biotin-(Oaa)3-epoxomicin can covalently bind to multiple proteasome catalytic subunits, such as LMP7, Z, and MECL1.
Targets(IC50)	Proteasome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9272 mL	4.6362 mL	9.2724 mL
5 mM	0.1854 mL	0.9272 mL	1.8545 mL
10 mM	0.0927 mL	0.4636 mL	0.9272 mL
50 mM	0.0185 mL	0.0927 mL	0.1854 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.

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