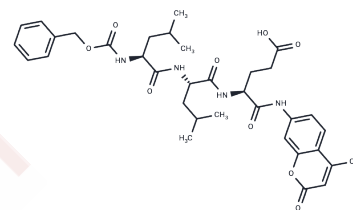


Z-LLE-AMC

Chemical Properties

CAS No. :	348086-66-8
Formula:	C35H44N4O9
Molecular Weight:	664.756
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	Z-LLE-AMC is a fluorogenic substrate for the caspase-like post-glutamate peptide hydrolase of the 26S proteasome or 20S proteolytic core. Caspase-like activity can be quantified by fluorescent detection of free AMC (also known as 7-amino-4-methylcoumarin), which is excited at 340-360 nm and emits at 440-460 nm. Z-LLE-AMC is typically used in cell lysates after experimental treatment.
Targets(IC50)	Proteasome

Solubility Information

Solubility	DMSO: 50 mg/mL (75.22 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5043 mL	7.5215 mL	15.043 mL
5 mM	0.3009 mL	1.5043 mL	3.0086 mL
10 mM	0.1504 mL	0.7522 mL	1.5043 mL
50 mM	0.0301 mL	0.1504 mL	0.3009 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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