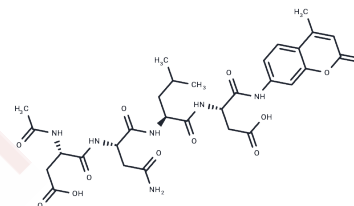


Ac-DNLD-AMC

Chemical Properties

CAS No. :	958001-92-8
Formula:	C30H38N6O12
Molecular Weight:	674.66
Storage:	Keep away from direct sunlight 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	Ac-DNLD-AMC is a fluorogenic caspase-3 substrate. Upon enzymatic cleavage by caspase-3, 7-amino-4-methylcoumarin (AMC) is released and its fluorescence can be used to quantify caspase-3 activity. AMC displays excitation/emission maxima of 340-360 and 440-460 nm, respectively.
Targets(IC50)	Others

Solubility Information

Solubility	Formic Acid: 1 mg/mL (1.48 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	1.4822 mL	7.4111 mL	14.8223 mL
5 mM	0.2964 mL	1.4822 mL	2.9645 mL
10 mM	0.1482 mL	0.7411 mL	1.4822 mL
50 mM	0.0296 mL	0.1482 mL	0.2964 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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