

Ac-VEID-AMC

Chemical Properties

CAS No. : 219137-97-0

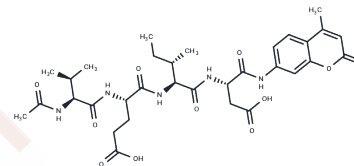
Formula: C32H43N5O11

Molecular Weight: 673.71

Storage: Keep away from direct sunlight

Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Ac-VEID-AMC is a fluorescent substrate used for assessing the activity of caspase-6 and related cysteine proteases (Ex=340-360 nm, Em=440-460 nm).
Targets(IC50)	Others
In vitro	This protocol outlines our suggested procedure and should be customized to suit your specific requirements. Enzyme activity (such as with rabbit osteoclasts): 1. Incubate purified, differentiated cells in medium for 48 hours (adjust time based on the cell type). 2. Transfer treated cells to 4.5 mL of lysis buffer. 3. Divide each lysate into three parts and incubate with 40 μM Ac-VEID-AMC at 37°C for 1 hour. 4. Measure the cleavage of fluorescent substrates, with excitation at 340-360 nm and emission at 440-460 nm.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4843 mL	7.4216 mL	14.8432 mL
5 mM	0.2969 mL	1.4843 mL	2.9686 mL
10 mM	0.1484 mL	0.7422 mL	1.4843 mL
50 mM	0.0297 mL	0.1484 mL	0.2969 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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