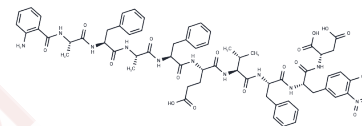


Fluorescent Substrate for Glu-Specific Proteases

Chemical Properties

CAS No. :	143147-75-5
Formula:	C63H73N11O18
Molecular Weight:	1272.32
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	Fluorescent Substrate for Glu-Specific Proteases is a chromogenic substrate specifically recognized by V8 protease [1].
Targets(IC50)	Others
In vitro	V8 protease at concentrations of (0, 0.1, 0.5, 1.0, 5.0, 10, 20 µg/ml) was incubated with 200 µM of a synthetic substrate [(Fluorescent Substrate for Glu-Specific Proteases; ABz-AFAFEVfy(NO2)D-OH)] in HEPES buffer (pH 7.4) at room temperature.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.786 mL	3.9298 mL	7.8597 mL
5 mM	0.1572 mL	0.786 mL	1.5719 mL
10 mM	0.0786 mL	0.393 mL	0.786 mL
50 mM	0.0157 mL	0.0786 mL	0.1572 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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