

Mca-SEVNLDAEFK(Dnp)-NH2

Chemical Properties

CAS No. : 1802078-32-5

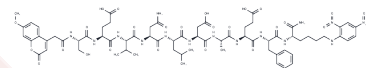
Formula: C68H89N15O26

Molecular Weight: 1532.52

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Mca-SEVNLDAEFK(Dnp)-NH2 is a fluorogenic substrate featuring a 7-methoxycoumarin moiety whose fluorescence is quenched by the adjacent 2,4-dinitrophenyl group through resonance energy transfer. This compound serves as a probe for assessing peptidase activity; enzymatic cleavage of the amide bond separating the fluorophore and quencher results in increased fluorescence. It is particularly useful for quantifying the activity of BACE-1 [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6525 mL	3.2626 mL	6.5252 mL
5 mM	0.1305 mL	0.6525 mL	1.305 mL
10 mM	0.0653 mL	0.3263 mL	0.6525 mL
50 mM	0.0131 mL	0.0653 mL	0.1305 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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