

Mca-SEVNLDAEFR-K(Dnp)-RR-NH2 acetate

Chemical Properties

CAS No. :

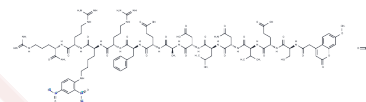
Formula: C86H125N27O29.XC2H4O2

Molecular Weight: 2001.08

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-SEVNLDAEFR-K(Dnp)-RR-NH2 is a fluorogenic substrate designed for the quantification of β -secretase (BACE) activity. When cleaved by BACE, it liberates 7-methoxycoumarin-4-acetyl (Mca), a compound whose fluorescence, with excitation and emission peaks at 328 nm and 420 nm respectively, serves as a measurable indicator of BACE enzymatic action.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4997 mL	2.4987 mL	4.9973 mL
5 mM	0.0999 mL	0.4997 mL	0.9995 mL
10 mM	0.050 mL	0.2499 mL	0.4997 mL
50 mM	0.010 mL	0.050 mL	0.0999 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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