

Mca-YVADAP-Lys(Dnp)-OH

Chemical Properties

CAS No. : 189696-01-3

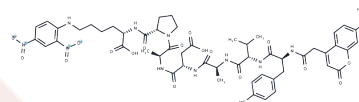
Formula: C53H64N10O19

Molecular Weight: 1145.13

Storage: Keep away from moisture, Keep away from direct sunlight

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-YVADAP-Lys(Dnp)-OH serves as a fluorogenic substrate specifically for caspase-1 and angiotensin-converting enzyme 2 (ACE2) [1].
Targets(IC50)	RAAS, Caspase, Angiotensin-converting Enzyme (ACE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8733 mL	4.3663 mL	8.7326 mL
5 mM	0.1747 mL	0.8733 mL	1.7465 mL
10 mM	0.0873 mL	0.4366 mL	0.8733 mL
50 mM	0.0175 mL	0.0873 mL	0.1747 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.

Reference

Susan Acton, et al. Preparation of amino acid derivatives for modulating angiotensin converting enzyme-2 (ACE-2). US20040082496A1

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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481