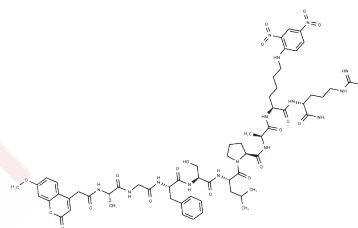


Cathepsin E substrate e

Chemical Properties

CAS No. :	1246741-19-4
Formula:	C ₆₁ H ₈₂ N ₁₆ O ₁₈
Molecular Weight:	1327.4
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	Cathepsin E substrate e serves as a substrate for cathepsin E. It is designed so that the close proximity of the Mca donor and Dnp acceptor results in almost complete intramolecular quenching in its intact form. Upon cleavage of the hydrophobic motif of the peptide substrate by the protease, Mca and Dnp separate, leading to bright fluorescence.
Targets(IC50)	Cysteine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7534 mL	3.7668 mL	7.5335 mL
5 mM	0.1507 mL	0.7534 mL	1.5067 mL
10 mM	0.0753 mL	0.3767 mL	0.7534 mL
50 mM	0.0151 mL	0.0753 mL	0.1507 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481