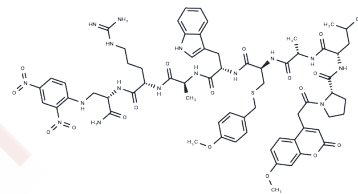


Mca-PLAC(p-OMeBz)-WAR(Dpa)-NH₂

Chemical Properties

CAS No. :	1926163-82-7
Formula:	C ₆₆ H ₈₂ N ₁₆ O ₁₇ S
Molecular Weight:	1403.52
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	Mca-PLAC(p-OMeBz)-WAR(Dpa)-NH ₂ is a fluorogenic substrate for matrix metalloproteinase-14 (MMP-14). Upon cleavage by MMP-14, 7-methoxycoumarin-4-acetyl (Mca) is released and its fluorescence can be used to quantify MMP activity. Mca displays excitation/emission maxima of 328/420 nm, respectively.
Targets(IC50)	MMP,Others

Solubility Information

Solubility	Formic Acid: 1 mg/mL (0.71 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7125 mL	3.5625 mL	7.1249 mL
5 mM	0.1425 mL	0.7125 mL	1.425 mL
10 mM	0.0712 mL	0.3562 mL	0.7125 mL
50 mM	0.0142 mL	0.0712 mL	0.1425 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481