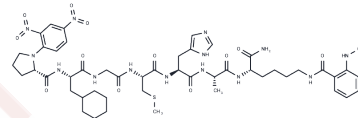


Dnp-P-Cha-G-Cys(Me)-HA-K(Nma)-NH₂

Chemical Properties

CAS No. :	150956-92-6
Formula:	C ₄₉ H ₆₈ N ₁₄ O ₁₂ S
Molecular Weight:	1077.22
Storage:	Keep away from moisture 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	Dnp-P-Cha-G-Cys(Me)-HA-K(Nma)-NH ₂ is a fluorogenic substrate for matrix metalloproteinase-1 (MMP-1) and MMP-9. Upon cleavage by MMP-1 or MMP-9, N-methylanthranilic acid (Nma) is unquenched and its fluorescence can be used to quantify MMP activity. Nma displays excitation/emission spectra of 340/440 nm, respectively.
Targets(IC50)	MMP,Others

Solubility Information

Solubility	Formic Acid: 1 mg/mL (0.93 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9283 mL	4.6416 mL	9.2832 mL
5 mM	0.1857 mL	0.9283 mL	1.8566 mL
10 mM	0.0928 mL	0.4642 mL	0.9283 mL
50 mM	0.0186 mL	0.0928 mL	0.1857 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