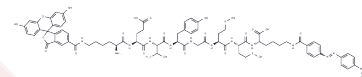


Calpain-1 substrate, fluorogenic

Chemical Properties

CAS No. :	636566-40-0
Formula:	C79H95N13O19S2
Molecular Weight:	1594.81
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	Calpain-1 substrate, fluorogenic, is a sensitive and specific substrate for calpain-1 that cleaves the Tyr-Gly bond, resulting in enhanced fluorescence [1] (Ex/Em = 490 nm/518 nm).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.627 mL	3.1352 mL	6.2703 mL
5 mM	0.1254 mL	0.627 mL	1.2541 mL
10 mM	0.0627 mL	0.3135 mL	0.627 mL
50 mM	0.0125 mL	0.0627 mL	0.1254 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