

NFF-3 TFA

Chemical Properties

CAS No. :

Formula: C80H111F3N22O22

Molecular Weight: 1789.87

Keep away from moisture

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	NFF-3 TFA, a selective matrix metalloproteinase (MMP) substrate, specifically interacts with MMP-3 and MMP-10 for hydrolysis. Additionally, it undergoes cleavage by trypsin, hepatocyte growth factor activator, and factor Xa. When labeled with the CyDye pair, Cy3/Cy5Q, NFF-3 TFA generates fluorescence in cell assays, facilitating the detection of cell activity [1].
Targets(IC50)	MMP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5587 mL	2.7935 mL	5.587 mL
5 mM	0.1117 mL	0.5587 mL	1.1174 mL
10 mM	0.0559 mL	0.2793 mL	0.5587 mL
50 mM	0.0112 mL	0.0559 mL	0.1117 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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