

## MMP-3 Fluorogenic Substrate TFA

## Chemical Properties

CAS No. :

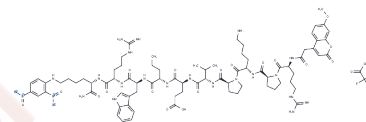
Formula: C78H110N22O20.XCF3COOH

Molecular Weight: 1675.90

Keep away from direct sunlight

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	MMP-3 Fluorogenic Substrate, a compound designed for matrix metalloproteinase-3 (MMP-3) activity quantification, releases 7-methoxycoumarin-4-acetyl (Mca) upon MMP-3 cleavage. Mca's fluorescence, with excitation and emission maxima at 328 and 420 nm respectively, serves as a measurable indicator of MMP-3 activity.
Targets(IC50)	Others

## Solubility Information

Solubility	H2O: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5967 mL	2.9835 mL	5.9669 mL
5 mM	0.1193 mL	0.5967 mL	1.1934 mL
10 mM	0.0597 mL	0.2983 mL	0.5967 mL
50 mM	0.0119 mL	0.0597 mL	0.1193 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.

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