

## Dnp-RPLALWRS TFA

## Chemical Properties

CAS No. :

Formula: C54H78F3N17O16

Molecular Weight:

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	Dnp-RPLALWRS TFA is a fluorescent peptide substrate designed specifically for human matrilysin (MMP-7). Upon enzymatic cleavage at the alanine-leucine bond, the release of the Dnp group alleviates fluorescence quenching, enabling real-time quantitative analysis of MMP-7 activity by enhancing tryptophan emission. This compound offers a sensitive and efficient method for kinetic studies and inhibitor screening.
Targets(IC50)	Others

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