

5-FAM-LL-37 (human) TFA

Chemical Properties

CAS No. :

Formula: C232H361N61O60.XCF3COOH

Molecular Weight: 4964.80

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	5-FAM-LL-37 is a fluorescently labeled antimicrobial peptide conjugated to 5-carboxyfluorescein (5-FAM) through a 6-aminohexanoic acid (Ahx) linker, featuring excitation/emission maxima at 492/518 nm, respectively. This compound integrates the functional attributes of LL-37 with the fluorescent properties of 5-FAM for enhanced visualization.
Targets(IC50)	Others

Solubility Information

Solubility	Acetonitrile: H2O (30:70): Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2014 mL	1.0071 mL	2.0142 mL
5 mM	0.0403 mL	0.2014 mL	0.4028 mL
10 mM	0.0201 mL	0.1007 mL	0.2014 mL
50 mM	0.004 mL	0.0201 mL	0.0403 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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