

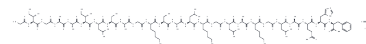
BLP-3 TFA

## Chemical Properties

CAS No. :

Formula: C108H183N31O29.XCF3COOH

Molecular Weight: 2379.80



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

BLP-3, an endogenous peptide derived from *X. laevis* skin, exhibits antibacterial efficacy against *N. meningitidis*, *N. gonorrhoeae*, *N. lactamica*, and *N. cinerea* at a concentration of 20 µg/ml. Characterized by its ability to fold into an alpha-helix, BLP-3 penetrates and disrupts bacteriomimetic membranes, underlying its mechanism of action.

## Solubility Information

Solubility

20% ACN/H<sub>2</sub>O: Soluble  
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4202 mL	2.101 mL	4.202 mL
5 mM	0.084 mL	0.4202 mL	0.8404 mL
10 mM	0.042 mL	0.2101 mL	0.4202 mL
50 mM	0.0084 mL	0.042 mL	0.084 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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Tel:781-999-4286

E\_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481