

pBD-1 TFA

## Chemical Properties

CAS No. :

Formula: C312H544F3N91O75S11

Molecular Weight: 7180

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	pBD-1 TFA, an endogenous antimicrobial peptide (AMP) from porcine tissues, is constitutively expressed, particularly at pig mucosal epithelial sites. It exhibits antimicrobial activities, contributing to both mucosal and systemic host defenses in pigs [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1393 mL	0.6964 mL	1.3928 mL
5 mM	0.0279 mL	0.1393 mL	0.2786 mL
10 mM	0.0139 mL	0.0696 mL	0.1393 mL
50 mM	0.0028 mL	0.0139 mL	0.0279 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