

A3-APO

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	A3-APO is an antimicrobial peptide that exhibits significant antibacterial activity through a dual mechanism of action (membrane lysis and inhibition of intracellular targets). It can neutralize bacterial toxins and enhance the expression of anti-inflammatory cytokines (such as IL-4 and IL-10) without leading to resistance. A3-APO also accelerates wound healing in burn-infected mouse models of <i>Acinetobacter baumannii</i> and <i>Staphylococcus aureus</i> .
Targets(IC50)	Antibacterial, Antibiotic

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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