

Polyalanine peptide

Chemical Properties

CAS No. :

Formula: C₃₁H₅₃N₉O₁₂

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	Polyalanine peptide (pALA) is an antimicrobial peptide that targets biological membranes and Gram-negative bacteria while being non-toxic to mammalian cells. It forms an α -helical conformation, effectively increasing the permeability of Gram-negative bacterial membranes, leading to lethal cellular leakage. Polyalanine peptide is useful in anti-infection research.
Targets(IC50)	Antibacterial

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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