

Human β -defensin-3

Chemical Properties

CAS No. : 221230-01-9

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.

GIINTLQKYYCRVRRGRCVLSCLPKKEEIQKICSTRGRKCCRRKK
(Disulfide bridge:Cys1-Cys5,Cys2-Cys4,Cys3-Cys6)

Biological Description

Description	Human β -defensin-3 (H β D-3) is an antibiotic antimicrobial peptide synthesized by epithelial cells. It exhibits potent antimicrobial properties, mitigates inflammatory cytokine responses, and targets various microorganisms with IC90 values ranging from 6 to 25 μ g/ml.
Targets(IC50)	Antibacterial,Antibiotic

Reference

Vishnu Dhople, et al.The Human beta-defensin-3, an Antibacterial Peptide With Multiple Biological Functions. Biochim Biophys Acta. 2006 Sep;1758(9):1499-512

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