

Product Name : Parasin I

Synonyms :

Cat No. : M30064

CAS Number : 219552-69-9

Molecular Formula : C₈₂H₁₅₄N₃₄O₂₄

Formula Weight : 2000.3

Chemical Name :

Description : Parasin I is a potent 19-residue antimicrobial peptide isolated from the skin mucus of wounded catfish (*Parasilurus asotus*). (In Vitro);Parasin I with comparable antimicrobial activities localized to the cell membrane and subsequently permeabilized the outer and cytoplasmic membranes. Parasin I and its active analogs show strong cytoplasmic membrane permeabilizing activity. Codon optimized parasin I fused with human lysozyme is expressed in *Pichia pastoris*, and has potent antibiotic activity.

Pathway : GPCR/G Protein

Target : Antibacterial

Receptor : —

Solubility : —

SMILES : —

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

Koo YS, et al. Structure-activity relations of parasin I, a histone H2A-derived antimicrobial peptide. *Peptides*. 2008 Jul;29(7):1102-8.