

Rev03
Update: Feb,10,2022

DATASHEET

Indolicidin

Cat. No.: RP11242

Overview

Synonyms	ILPWKWPWWPWRR-NH ₂
Description	Indolicidin is a 13-residue peptide amide which was isolated and characterized from the cytoplasmic granules of bovine neutrophils, having potent antibacterial activity <i>in vitro</i> against bacteria and fungi. The primary structure of indolicidin is characterized by 5 tryptophan residues, which is the highest mole percentage of any known protein sequence and is unique among known endogenous antibacterial peptides.
Cas No	140896-21-5
Sequence	{ILE}{LEU}{PRO}{TRP}{LYS}{TRP}{PRO}{TRP}{TRP}{PRO}{TRP}{ARG}{ARG}-NH ₂
Sequence Shortening	ILPWKWPWWPWRR-NH ₂
Molecular Formula	C ₁₀₀ H ₁₃₂ N ₂₆ O ₁₃
C Terminal	NH ₂
Molecular Weight	1906.28

Properties

Purity	> 95%
Form	Lyophilized
Storage	Stored at -20°C. Keep tightly closed.