

Indolicidin acetate

Cat. No.:	HY-P0261A	
Molecular Formula:	C ₁₀₂ H ₁₃₆ N ₂₆ O ₁₅	
Molecular Weight:	1966.34	
Sequence Shortening:	ILPWKWPWWPWRR-NH ₂	ILPWKWPWWPWRR-NH ₂ (acetate)
Target:	Bacterial	
Pathway:	Anti-infection	
Storage:	Sealed storage, away from moisture	
	Powder	-80°C 2 years -20°C 1 year
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)	

SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (25.43 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.5086 mL	2.5428 mL	5.0856 mL
	5 mM	0.1017 mL	0.5086 mL	1.0171 mL
	10 mM	0.0509 mL	0.2543 mL	0.5086 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Indolicidin acetate is a potent antimicrobial peptide purified from the cytoplasmic granules of bovine neutrophils^[1].

REFERENCES

- [1]. Falla TJ, et al. Mode of action of the antimicrobial peptide indolicidin. J Biol Chem. 1996;271(32):19298-19303.
- [2]. Selsted ME, et al. Indolicidin, a novel bactericidal tridecapeptide amide from neutrophils. J Biol Chem. 1992;267(7):4292-4295.

Caution: Product has not been fully validated for medical applications. For research use only.

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