

Certificate of Analysis



Product Identification

Catalog number	HB1108	
Compound name	Terlipapin Q	
Amino acid sequence	ALC ⁺ NC ⁺ NR ⁺ IIIPHC ⁺ WKKC ⁺ GKK	H-Ala-Leu-Cys(1)-Asn-Cys(2)-Asn-Arg-Lie-Lie-Lie-Pro-His-Gln-Cys(1)-Trp-Lys-Lys-Cys(2)-Gly-Lys-Lys-NH ₂
Modifications	C-terminal amide, Disulfide bonds: 3-14 and 5-18	
Batch number	E1876-1-1	
Batch molecular formula	C ₁₀₈ H ₁₇₂ N ₂₀ O ₂₄ S ₄	
Batch molecular weight	2453.06	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 98.6%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 68.4%
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (1 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

14-03-22

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.