

Certificate of Analysis



Product Identification

Catalog number	HB3267	
Compound name	Endothelin 2 (human)	
Amino acid sequence	C*SC*SSWLDKEC*VYFC*HLDIIW	H-Cys(1)-Ser-Cys(2)-Ser-Ser-Trp-Leu-Asp-Lys- Glu-Cys(2)-Val-Tyr-Phe-Cys(1)-His-Leu-Asp- Ile-Ile-Trp-OH
Modifications	Disulfide bridge between 1 - 15, 3 - 11	
Batch number	E1205-1-1	
Batch molecular formula	C ₁₁₅ H ₁₆₀ N ₂₆ O ₃₂ S ₄	
Batch molecular weight	2546.92	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 95.6%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 63.9%
Mass spectrum	Mass spec 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

15-10-19

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