

Certificate of Analysis



Product Identification

Catalog number	HB3533	Cys(1)-Thr-Cys(2)-Asn-Asp-Met-Thr-
Compound name	Sarafotoxin S6c	Asp-Glu-Glu-Cys(1)-Leu-Asn-Phe-
Amino acid sequence	C*TC*NDMTDEEC*LNFC*HQDVIW	Cys(2)-His-Gln-Asp-Val-Ile-Tip
Modifications	Disulfide bridge between 1 - 15, 3 - 11	
Batch number	E1207-1-1	
Batch molecular formula	C ₁₀₃ H ₁₄₂ N ₂₂ O ₃₂ S ₂	
Batch molecular weight	2515.75	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 95.4%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 90.5%
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.