

SS-31

Certificate of Analysis

Product Name	SS-31 Elamipretide		
CAS No.	736992-21-5	Batch No.	20250925035
Date of Producing	2025-09-25	Molecular Formula	C32H49N9O5
Retest Date	2027-09-25	Molecular Weight	639.79
Condition of Storage	2~8℃		
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conforms
Solubility	soluble in water	Conforms
Water Content (Karl Fischer)	≤8.0%	4.9%
Acetic Acid (By HPLC)	≤22%	20.5%
Triluoroacetic acid (By HPLC)	≤0.5%	N.D
Peptide Purity (By HPLC)	≥98.0%	99.5%
Organic Solvent Residue	Acetonitriles≤0.041%	<0.041%
	Dichloromethanes≤0.060%	<0.060%
	N,N-Dimethylformamide≤0.088%	<0.088%

Conclusion	Conforms to the Enterprise standard
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