

PT-141

Certificate of Analysis

Product Name	PT-141		
CAS No.	1607799-13-2	Batch No.	20250924012
Date of Producing	2025-09-24	Molecular Formula	C50H68N14O10
Retest Date	2027-09-24	Molecular Weight	1025.18
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%	4.6%
Acetic Acid (By HPLC)	≤15.0%	4.91%
Triluoroacetic acid (By HPLC)	≤0.5%	0.1%
Peptide Purity (By HPLC)	≥98.0%	99.8%
Related Substance (By HPLC)	Total Impurities(%)≤2.0%	0.1%
	Largest Single Impurity(%)≤1.0%	0.1%
Bacterial Endotoxins	≤10EU/mg	Conforms
Assay	≥85.0%	90.27%

Conclusion	Conforms to the Enterprise standard
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Analyst: Judy Liu

Checker: Kim Huang

Approved by: Shi Ru