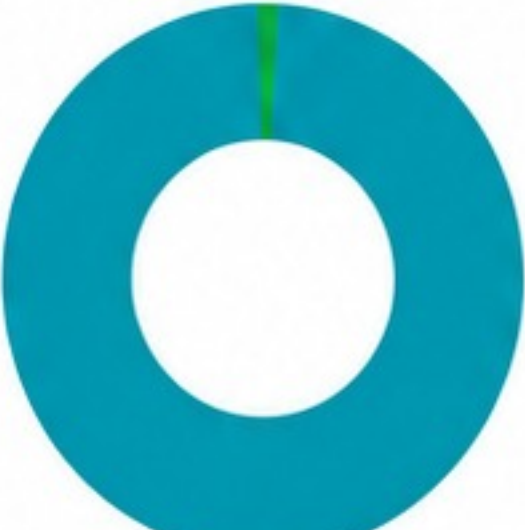


Product Information

Product Name:	TB-500		
CAS No.:	77591-33-4	Test Date:	June 2, 2026
Lot No.:	20260602	Retest Date:	June 2, 2028
Molecular Weight:	4963.55	Molecular Formula:	C212H350N56O78S
Peptide Sequence:	Ac-Ser-Asp-Lys-Pro-Asp-Met-Ala-Glu-Ile-Glu-Lys-Phe-Asp-Lys-Ser-Lys-Leu-Lys-Lys-Thr-Glu-Thr-Gln-Glu-Lys-Asn-Pro-Leu-Pro-Ser-Lys-Glu-Thr-Ile-Glu-Gln-Glu-Lys-Gln-Ala-Gly-Glu-Ser-OH		
Storage Conditions:	Store at -20°C in a sealed container, protected from light		

Analytical Test Results

● Impurity Levels 0.9 ● Peptide Purity (HPLC) 99.1 	Test	Specification	Result
	Appearance	Off-white, crystalline powder	Conforms
	MS	Conforms	Conforms
	Water Content (Karl Fischer)	≤ 8.0%	4.36%
	Acetic Acid (HPLC)	≤ 10.0%	2.60%
	Peptide Purity (HPLC)	≥ 98.0%	99.1%
	Organic Solvent Residue	Acetonitrile ≤ 0.041%	Conforms
		Dichloromethane ≤ 0.060% N,N-Dimethylformamide ≤ 0.088%	

Quality Assurance and Regulatory Information

- Compliance Statement:** Manufactured under GMP conditions, Conforming to ISO 9001:2015 standards.
- Safety Information:** Non-explosive, non-corrosive, non-radioactive, non-flammable, non-toxic. Not a precursor for chemical weapons.
- Usage Statement:** This product is intended for in vitro laboratory research purposes only. Not for diagnostic or therapeutic use.
- SDS Reference:** Refer to the Safety Data Sheet (SDS) for detailed handling and disposal instructions.

Approval

Role	Name	Date
Quality Control Director	Andrea Castro	June 2, 2026