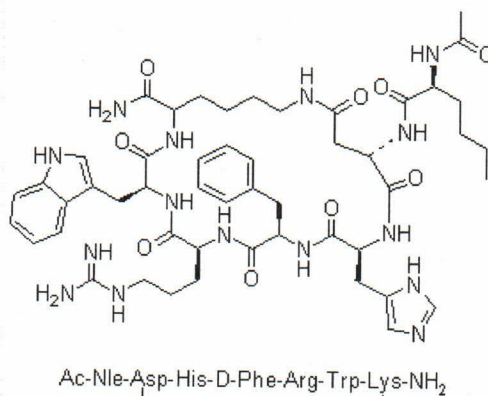


Batch no 20240801
Mf date Aug 2024
Expiry Jul 2027

Molecular Structure



Molecular Formula C₅₀H₆₉N₁₅O₉
Molecular Weight 1024.2
CAS Registry Number 121062-08-6

Feb 13 2025

Tests	Specifications	Results
Appearance	White powder	Conforms
Solubility	Soluble in water or 1% acetic acid at a concentration of $\geq 1\text{mg/mL}$ to give a clear, colorless solution	Conforms
Identification	Monoisotopic mass: 1024.2 ± 1.0	1023.8
Specific optical rotation	$-50 \sim -60^\circ$ [α] _D ²⁰ (c=0.5, 10% HAc)	-54.7°
Peptide purity (HPLC)	$\geq 98.0\%$ by area integration	99.7%
Related substances (HPLC)	Largest single impurity $\leq 1.0\%$	0.1%
	Total impurities $\leq 2.0\%$	0.3%
Acetate content	$\leq 15.0\%$	10.2%
Water (KF)	$\leq 8.0\%$	4.9%
Assay (by anhydrous, acetic acid-free)	95.0 ~ 105.0%	99.5%

Packaging & storage	Store at 2 ~ 8°C
Conclusion	Material complies with in-house standard