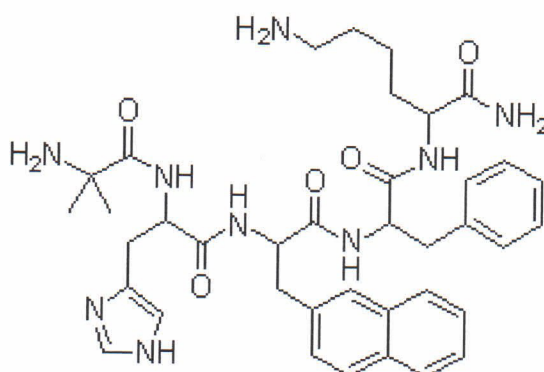


Ipamorelin

Batch no 20240401
Mf date Apr 2024
Retest Mar 2026

Molecular Structure



Sequence Aib-His-D-2-Nal-D-Phe-Lys-NH₂

Molecular Formula C₃₈H₄₉N₉O₅

Molecular Weight 711.85

CAS Registry Number 170851-70-4

May 09 2024

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White or slightly yellowish powder	White powder
Mass identity	Monoisotopic mass: 711.85±1.0	711.3
Water content	≤ 5.0%	2.1%
Residual organic solvents (GC)	Acetonitrile ≤ 0.041%	Conforms
	DMF ≤ 0.088%	Conforms
	MeOH ≤ 0.3%	Conforms
	Et2O ≤ 0.5%	Conforms
Peptide purity (HPLC)	≥ 98% by area integration	99.41%

Packaging & storage	Store at 2 ~ 8°C & in a dry place, protected from light
Conclusion	Material complies with in-house standard