

Ipamorelin

Research peptide · 2 mg / vial

Specifications

CAS number	170851-70-4
Molecular formula	C38H49N9O5
Molecular weight	711.85 g/mol
HPLC purity	>=99%
Physical form	Lyophilized powder
Vial size	2 mg / vial
Amino-acid sequence	Aib-His-D-2-Nal-D-Phe-Lys-NH2
Storage	Store lyophilized at -20 °C, protected from light. Stable 24 months from manufacture.

Every lot is independently verified

HPLC purity and mass-spec identity are published for every batch. Enter the lot number printed on your vial at pepbiotics.com/lab-results to read the exact certificate of analysis for your material.

Reconstitution & handling

For laboratory research use only. Reconstitute with bacteriostatic water or 0.9% sodium chloride under aseptic technique. Add diluent slowly against the vial wall and swirl - do not shake. Store the reconstituted solution at 2-8 °C and use within the study window. Not for injection into humans or animals.

Studied research applications

- **GH-axis research**
Used in research on growth-hormone-releasing-hormone and secretagogue signaling and pulsatile GH secretion in model systems.
- **IGF pathways**
Investigated for effects on IGF-1 signaling and downstream growth pathways in cell and animal models.