

# PT-141

Research peptide · 10 mg / vial

## Specifications

|                     |                                                                                       |
|---------------------|---------------------------------------------------------------------------------------|
| CAS number          | 189691-06-3                                                                           |
| Molecular formula   | C50H68N14O10                                                                          |
| Molecular weight    | 1025.16 g/mol                                                                         |
| HPLC purity         | >=99%                                                                                 |
| Physical form       | Lyophilized powder                                                                    |
| Vial size           | 10 mg / vial                                                                          |
| Amino-acid sequence | Ac-Nle-cyclo(Asp-His-D-Phe-Arg-Trp-Lys)                                               |
| 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](https://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

### - Melanocortin / reproductive signaling

Used to study melanocortin-receptor or reproductive-axis signaling pathways in preclinical models.