

PT-141 (Bremelanotide)

Specification Sheet

This specification sheet provides technical and quality information for **PT-141 (Bremelanotide)**, **CAS 189691-06-3**, supplied by Sunone for qualified laboratory research, analytical development and manufacturing applications.

Product Identification

Specification	Details
Product Name	PT-141 (Bremelanotide)
Synonyms	Bremelanotide, PT-141, PT141
CAS Number	189691-06-3
Molecular Formula	C ₅₀ H ₆₈ N ₁₄ O ₁₀
Molecular Weight	1025.16 g/mol
Product Type	Synthetic cyclic peptide
Form	Lyophilized powder
Purity	≥98% by HPLC
MDL Number	MFCD09954110
EC / EINECS	Not assigned

Standard Product Specifications

Test Item	Specification / Requirement	Test Method
Appearance	Lyophilized powder	Visual inspection
Identity	Conforms to reference data	Mass spectrometry (MS)
Purity	≥98%	HPLC
Molecular Weight	1025.16 g/mol	MS / theoretical value
Peptide Identity	Conforms to PT-141 (Bremelanotide)	HPLC / MS
Storage	Store at -20° C, dry and protected from light	—

Actual batch results are reported on the corresponding **Certificate of Analysis (COA)**. Additional analytical requirements may be discussed for qualified laboratory and manufacturing projects.

Available Pack Sizes

PT-141 (Bremelanotide) is available in the following standard configurations:

- 5 mg × 10 vials
- 10 mg × 10 vials

Bulk peptide specifications, custom vial configurations, private labeling and OEM/ODM packaging requirements may be discussed according to project requirements and applicable regulations.

Quality Documentation

Batch-specific analytical documentation may include:

- Certificate of Analysis (COA)
- HPLC purity data
- Mass spectrometry (MS) identity data
- Product Specification Sheet
- Safety Data Sheet (SDS), where applicable

Testing documentation is supplied according to the agreed product specification and batch requirements.

Storage and Handling

Store PT-141 (Bremelanotide) at **-20°C in a dry environment protected from light**. Avoid unnecessary exposure to moisture and repeated temperature fluctuations.

Laboratories should follow their established procedures for handling, storage and preparation of research peptides.

Custom Specifications and Manufacturing Support

Sunone can discuss custom peptide specifications, packaging, labeling and OEM/ODM requirements for qualified business, laboratory and manufacturing customers.

Requirements such as target purity, analytical documentation, vial configuration and order quantity should be confirmed before production or order approval.

Request PT-141 Documentation or a Quotation

For current availability, batch documentation, custom specifications or commercial inquiries, visit the **PT-141 (Bremelanotide) product page** and submit a quotation request.

PT-141 Product Page:

<https://52ym.com/products/pt-141-bremelanotide/>

Request a Quote:

<https://52ym.com/products/pt-141-bremelanotide/#quote>

Research Use Notice

For research and manufacturing use only. Supplied to qualified businesses and laboratories in accordance with applicable destination-country regulations.

Not intended for personal, diagnostic or therapeutic use unless separately registered and authorized for such use.

Specifications are subject to the applicable product specification, manufacturing agreement and batch-specific quality documentation.