

## Bremelanotide

Cat. No.:	HY-18678
CAS No.:	189691-06-3
Molecular Formula:	C <sub>50</sub> H <sub>68</sub> N <sub>14</sub> O <sub>10</sub>
Molecular Weight:	1025.16
Target:	Melanocortin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Bremelanotide (PT-141) is an analogue of  $\alpha$ -melanocyte-stimulating hormone ( $\alpha$ -MSH). Bremelanotide activates the mPOA and other hypothalamic and limbic regions of the brain involved in sexual behavior. Bremelanotide can be used for researching hypoactive sexual desire disorders<sup>[1]</sup>.

### CUSTOMER VALIDATION

- Mol Pharm. 2022 Oct 21.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

- [1]. Pfaus J, et al. Bremelanotide: an overview of preclinical CNS effects on female sexual function. J Sex Med. 2007 Nov;4 Suppl 4:269-79.
- [2]. Molinoff PB, et al. PT-141: a melanocortin agonist for the treatment of sexual dysfunction. Ann N Y Acad Sci. 2003 Jun;994:96-102.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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