

[Orn8]-Urotensin II (human)

Cat. No.:	HY-P1168
CAS No.:	479065-85-5
Molecular Formula:	C ₆₃ H ₈₃ N ₁₃ O ₁₈ S ₂
Molecular Weight:	1374.54
Sequence:	Glu-Thr-Pro-Asp-Cys-Phe-Trp-[Orn]-Tyr-Cys-Val (Disulfide bridge:Cys5-Cys10)
Sequence Shortening:	ETPDCFW-[Orn]-YCV (Disulfide bridge:Cys5-Cys10)
Target:	Urotensin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

[Orn8]-Urotensin II (human), a peptide analog of urotensin II, is a UT receptor agonist. [Orn8]-Urotensin II (human) increases intracellular calcium levels in HEK293^[1].

REFERENCES

- [1]. Camarda V, et al. Urantide mimics urotensin-II induced calcium release in cells expressing recombinant UT receptors. *Eur J Pharmacol.* 2004 Sep 13;498(1-3):83-6.
- [2]. Camarda V, et al. A new ligand for the urotensin II receptor. *Br J Pharmacol.* 2002 Oct;137(3):311-4.

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

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