

[Orn5]-URP

Cat. No.:	HY-P1167
CAS No.:	782485-03-4
Molecular Formula:	C ₄₈ H ₆₂ N ₁₀ O ₁₀ S ₂
Molecular Weight:	1003.2
Sequence Shortening:	ACFW-{Orn}-YCV (Disulfide bridge:Cys2-Cys7)
Target:	Urotensin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

Description	[Orn5]-URP is a potent and selective pure antagonist of Urotensin-II receptor (UT) , with an pEC ₅₀ of 7.24. [Orn5]-URP displays no agonist activity ^{[1][2]} .
IC ₅₀ & Target	pEC ₅₀ : 7.24 ^[2]

REFERENCES

- [1]. Diallo M, et, al. [Orn5]URP acts as a pure antagonist of urotensinergic receptors in rat cortical astrocytes. Peptides. 2008 May; 29(5): 813-9.
- [2]. David C, et, al. Structure-activity relationships and structural conformation of a novel urotensin II-related peptide. Peptides. 2004 Oct; 25(10): 1819-30.

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

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