

(d(CH2)51,Tyr(Me)2,Orn8)-Oxytocin

Cat. No.:	HY-P4895
CAS No.:	77327-45-8
Molecular Formula:	C ₄₈ H ₇₄ N ₁₂ O ₁₂ S ₂
Molecular Weight:	1075.3
Sequence:	{β-Mercapto-β,β-cyclopentamethylene-propionyl-Tyr(Me)}-Ile-Gln-Asn-Cys-Pro-{Orn}-Gly-NH ₂ (disulfide bridge: mercaptopropanoic acid-1-cysteine-6)
Sequence Shortening:	{β-Mercapto-β,β-cyclopentamethylene-propionyl-Tyr(Me)}-IQNCP-{Orn}-G-NH ₂ (disulfide bridge: mercaptopropanoic acid-1-cysteine-6)
Target:	Oxytocin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

(d(CH2)51,Tyr(Me)2,Orn8)-Oxytocin (OVT) is an oxytocin receptor antagonist. (d(CH2)51,Tyr(Me)2,Orn8)-Oxytocin can be used for the research of neurological disease^[1].

REFERENCES

[1]. Mullis K, et al. Oxytocin action in the ventral tegmental area affects sucrose intake. Brain Res. 2013 Jun 4;1513:85-91.

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

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