

(d(CH₂)₅1,Tyr(Me)₂,Thr₄,Orn₈,des-Gly-NH₂₉)-Vasotocin

Cat. No.:	HY-P4397
CAS No.:	115499-13-3
Molecular Formula:	C ₄₅ H ₆₉ N ₉ O ₁₂ S ₂
Molecular Weight:	992.21
Sequence:	{β-Mercapto-β,β-cyclopentamethylene-propionyl}-{Tyr(Me)}-Ile-Thr-Asn-Cys-Pro-{Orn } (Disulfide bridge: Mpa1-Cys6)
Sequence Shortening:	{β-Mercapto-β,β-cyclopentamethylene-propionyl}-{Tyr(Me)}-ITNCP-{Orn} (Disulfide bridge: Mpa1-Cys6)
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,Thr₄,Orn₈,des-Gly-NH₂₉)-Vasotocin, an oxytocin receptor antagonist, abolishes oxytocin-enhanced inhibitory postsynaptic currents in CA1 pyramidal neurons^[1].

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

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