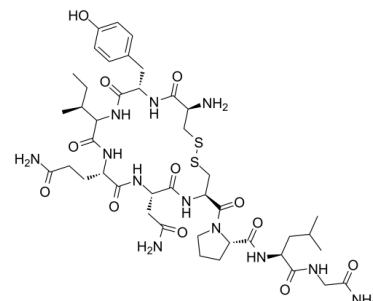


Data Sheet

Product Name:	Oxytocin
Cat. No.:	CS-3115
CAS No.:	50-56-6
Molecular Formula:	C ₄₃ H ₆₆ N ₁₂ O ₁₂ S ₂
Molecular Weight:	1007.19
Target:	Oxytocin Receptor
Pathway:	GPCR/G Protein
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Oxytocin (α-Hypophamine) is a mammalian neurohypophysial hormone; its actions are mediated by specific, high-affinity oxytocin receptors; ligand of oxytocin receptor.

References:

[1]. Oxytocin, From Wikipedia

CAIndexNames:

Oxytocin

SMILES:

O=C([C@@H](CSCC[C@H](C(N[C@H](C1=O)CC2=CC=C(C(=O)C=C2)=O)N)NC([C@@H](NC([C@@H](NC(C(N1)[C@@H](C)CC)=O)CCC(N)=O)=O)CC(N)=O)=O)N(CCC3)[C@@H]3C(N[C@@H](CC(C)C)C(NCC(N)=O)=O)=O

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

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA