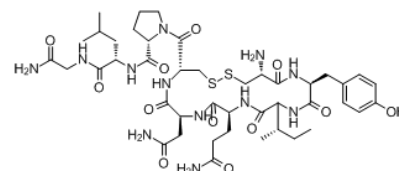


**Product Name** : Oxytocin  
**Cat. No.** : PC-45358  
**CAS No.** : 50-56-6  
**Molecular Formula** : C<sub>43</sub>H<sub>66</sub>N<sub>12</sub>O<sub>12</sub>S<sub>2</sub>  
**Molecular Weight** : 1007.187  
**Target** : Oxytocin Receptor (OXTR)  
**Solubility** : 10 mM in DMSO  
 1. Shivali Kohli, et al. Neuropsychopharmacology. 2019 Jan;44(2):295-305.



## Biological Activity

Oxytocin (α-Hypophamine) is a peptide hormone and neuropeptide that is released into the bloodstream as a hormone in response to stretching of the cervix and uterus during labor and with stimulation of the nipples from breastfeeding.

## References

