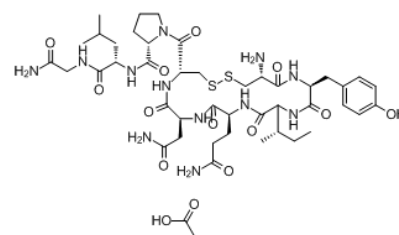


Product Name : Oxytocin acetate
Cat. No. : PC-45359
CAS No. : 6233-83-6
Molecular Formula : C₄₅H₇₀N₁₂O₁₄S₂
Molecular Weight : 1067.239
Target : Oxytocin Receptor (OXTR)
Solubility : DMSO: ≥ 44 mg/mL

1. Shivali Kohli, et al. *Neuropsychopharmacology*. 2019 Jan;44(2):295-305.
2. C Sue Carter, et al. *Pharmacol Rev*. 2020 Oct;72(4):829-861.



Biological Activity

Oxytocin acetate 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.

Oxytocin acetate acts as a stress-coping molecule with anti-inflammatory, antioxidant, and protective effects especially in the face of adversity or trauma

References

