



Uterine contractions Steroids Polypeptide Human Growth Hormone Peptide Oxytocin CAS 50-56-6

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Hongbaiyi
- Certification: COA, HPLC MR
- Model Number: HBY-Oxytocin
- Minimum Order Quantity: 5box
- Price: US \$ 33-38/ box
- Packaging Details: 2mg/vial, 10vials/box
- Delivery Time: 3-5 work days after your payment
- Payment Terms: , Western Union, T/T
- Supply Ability: 3000kg/Month



Product Specification

- Name: Oxytocin
- CAS No.: 50-56-6
- MF: C43H66N12O12S2
- MW: 1007.193
- Purity: 99%
- Appearance: White Lyophilized Powder
- Storage: Closed, Below 2 ~ 8 Preservation



More Images



WHY CHOOSE US

- 1 Own Factory**
Hongbaiyi has its own factory, which covers 18,000 square meters and is equipped with 4 standardized production workshops.
- 2 Professional Supplier**
Hongbaiyi is a professional supplier of APIs, pharmaceutical intermediates, veterinary medicine, cosmetic raw, nutritional supplements and other natural active ingredients.
- 3 Quality Assurance**
With strict QC system, our product quality is very reliable and stable. Besides, we have strong technical research and development strength.
- 4 Sales Team**
The experienced sales team of Hongbaiyi offers 24*365 quality service and the products were exported to over 40 countries around the globe.

Product Description

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Basic Information Form of Oxytocin

Name	Oxytocin
CAS NO.	50-56-6
MW	1007.193
MF	C43H66N12O12S2
Appearance	White Lyophilized Powder
Purity	99%
Stability	2 years

What is oxytocin?

Oxytocin (Oxt) is a mammalian neurohypophysial hormone. Produced by the hypothalamus and stored and secreted by the posterior pituitary gland, oxytocin acts primarily as a neuromodulator in the brain.

Oxytocin plays an important role in the neuroanatomy of intimacy, specifically in sexual reproduction of both sexes, in particular during and after childbirth; its name, meaning "swift childbirth", comes from Greek, oksys "swift" and , tokos "birth." It is released in large amounts after distension of the cervix and uterus during labor, facilitating birth, maternal bonding, and, after stimulation of the nipples, lactation. Both childbirth and milk ejection result from positive feedback mechanisms.

Oxytocin has been best known for its roles in female reproduction. It is released in large amounts during labor, and after stimulation of the nipples. It is a facilitator for childbirth and breastfeeding. However, recent studies have begun to investigate oxytocin's role in various behaviors, including orgasm, social recognition, bonding, and maternal behaviors.

This small nine amino acid peptide is now believed to be involved in a wide variety of physiological and pathological functions such as sexual activity, penile erection, ejaculation, pregnancy, uterine contraction, milk ejection, maternal behavior, social bonding, stress and probably many more, which makes oxytocin and its receptor potential candidates as targets for drug therapy.

Product Image of Oxytocin



Applications Of Oxytocin

Injected oxytocin analogues are used for labor induction and to support labor in case of difficult parturition. It has largely replaced ergometrine as the principal agent to increase uterine tone in acute postpartum hemorrhage. Oxytocin is also used in veterinary medicine to facilitate birth and to stimulate milk release.

The tocolytic agent atosiban (Tractocile) acts as an antagonist of oxytocin receptors; this drug is registered in many countries to suppress premature labor between 24 and 33 weeks of gestation. It has fewer side effects than drugs previously used for this purpose (ritodrine, salbutamol, and terbutaline).

Oxytocin is a neuropeptide produced in the hypothalamus and secreted by the pituitary gland. Oxytocin is released during sex, childbirth and lactation to aid reproductive functions. This neuropeptide exerts multiple psychological effects, influencing social behavior and emotion. Oxytocin is prescribed for a variety of obstetric and gynecological reasons, including to aid in childbirth. High levels of the "love hormone" have been observed in couples in the first six months of a relationship. Oxytocin has an anti-anxiety (anxiolytic) effect and may increase romantic attachment and empathy. Research shows that oxytocin may have beneficial effects for people with autistic spectrum disorders. Oxytocin appears to play a role in protecting the intestine from damage, with potential for use in treatment of irritable bowel disease.

Package and Shipping of Oxytocin

Package: 2mg/vial, 10vials/box

Shipping: With 3-5 days after your payment



FAQ of Oxytocin

Q1: Do you Accept Sample Order?

A: Yes. The smallest order we accept is one box.

Q2: Do you accept VISA business credit card?

A: Yes. VISA business credit card is in our payment.

Q3: How long does it take to me if I order?

A: About 3-5 days upon receipt of payment.

Q4: Is there any discount?

A: Yes, if you want to purchase larger quantity, we can offer a better price for you.

Q5: What kind of transportation do you have?

A: We have many ways of transportations, eg: Air, Sea, Special Lines, TNT, FEDEX, EMS, ect.



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