PEPTIDE

# Oxytocin

Nonapeptide neurohypophyseal hormone; binds OXTR for uterine contraction (peripheral) and modulates social, trust, and bonding circuits (central).

BIOGATE · AMBER | POSTERIOR 40.0% | MW 1007.2 | 9AA

**SEQUENCE**

CYIQNCPLG

Modifications: disulfide C1-C6; amidated C-terminus

## PDA-V1 chain of custody

Outer hash

1952-f2711852f0de1752ef4b1652edb81d52f8bd1c52f72a1b52f5971a52

Merkle root

cff68b2cd0f68cbfd1f68e52d2f68fe5cbf684e0ccf68673cdf68806cef68999

Inputs

0976-baf10876b95e0776b7cb0676b6380d76c13d0c76bfaa0b76be170a76bc84

TEE attestation

a2c8781ea3c879b1a0c874f8a1c8768ba6c87e6aa7c87ffda4c87b44a5c87cd7

## Living Outcome Oracle

± =44.0 ² =65.9 **P(success) = 40.0%** 95% CI [28.0%, 52.0%]

## Seven-rule export gate

7 / 7 rules satisfied · audience: researcher · Full attestation set, raw posteriors, all hashes

- Grade A or B citation present on the core claim
- BioGate verdict is GREEN or AMBER (RED/BLACK refused)
- Jurisdiction permits the audience-appropriate use
- RWE summary attached when claim depends on outcome data
- Prediction-outcome pairs disclosed when posterior cited
- No human-use claim beyond cited indications
- COA registry lookup available for any synthesis claim

## Citations

GRADE B 2019 · Physiol Rev

**Advances in the field of intranasal oxytocin research**

Quintana DS et al.

PMID 30702407