PEPTIDE

# Gonadorelin (GnRH, LHRH)

Native hypothalamic decapeptide; pulsatile dosing stimulates LH/FSH release while continuous dosing causes downregulation.

BIOGATE · GREEN | POSTERIOR 29.4% | MW 1182.3 | 10AA

**SEQUENCE**

EHWSYGLRPG

Modifications: pyroGlu¹; amidated C-terminus; native decapeptide

## PDA-V1 chain of custody

Outer hash

3357-dab63457dc493157d7903257d9233757e1023857e2953557dddc365

Merkle root

8-e97f2098d97f0768c97eee38b97ed509297f8559197f6c29097f52f8f97f39c

Inputs

b6051836b70519c9b4051510b50516a3ba051e82bb052015b8051b5

TEE attestation

816-d2d8f806d2bfc836d30b5826d2f227d6d27437c6d25b07f6d2a697e6d28d6

## Living Outcome Oracle

± =18.8 ² =45.2 **P(success) = 29.4%** 95% CI [17.4%, 41.4%]

## 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 — 1972 · J Clin Endocrinol Metab

**The biphasic pattern in the feedback action of ethinyl estradiol on the release of pituitary FSH and LH**

Yen SS, Tsai CC.

PMID 6444669