PEPTIDE

Leuprolide (Lupron)

GnRH agonist; chronic dosing causes pituitary GnRH receptor desensitization, suppressing LH/FSH and downstream gonadal steroids.

BIOGATE · GREEN | POSTERIOR 87.5% | MW 1209.4 | 13AA

SEQUENCE

EHWSYwLRPN-Et

Modifications: pyroGlu[1]; D-Leuv; ethylamide C-terminus

PDA-V1 chain of custody

Outer hash

57-e1e36756e1e1d459e1e68d58e1e4fa53e1dd1b52e1db8855e1e0415

Merkle root

9-a86cdd29b86cf659886caac9986cc3f9686c7869786c9199486c4609586c5f3

Inputs

751-c1fe7741c1e54771c230d761c217a711c199b701c1808731c1cc172

TEE attestation

defd47ecdffd497fe0fd4b12e1fd4ca5dafd41a0dbfd4333dcfd44c6ddfd4659

Living Outcome Oracle

± =64.3

² =9.2

P(success) = 87.5%

95% CI [75.5%, 99.5%]

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 A

1984 · N Engl J Med

Leuprolide versus diethylstilbestrol for metastatic prostate cancer

Leuprolide Study Group.

PMID 6371844