PEPTIDE

Enfuvirtide (Fuzeon)

Synthetic peptide derived from HIV-1 gp41 HR2; binds HR1 to block six-helix bundle formation and prevent viral-host membrane fusion.

BIOGATE · GREEN | POSTERIOR 91.5% | MW 4491.9 | 36AA

SEQUENCE

YTSLIHSLIEESQNQQEKNEQELLELDKWASLWNWF

Modifications: acetylated N-terminus; amidated C-terminus; 36-residue HR2-derived

PDA-V1 chain of custody

Outer hash

576-d3a65566d38d2556d373f546d35ac536d3419526d3286516d30f350

Merkle root

2-bcc9f062ccca09929cc9be02acc9d732fcca55230cca6e52dcca22c2ecca3bf

Inputs

da1a77e5d91a7652d81a74bfd71a732cd61a7199d51a7006d41a6e7

TEE attestation

dcf8b914ddf8baa7def8bc3adff8bd-cdd8f8b2c8d9f8b45bdaf8b5eedbf8b781

Living Outcome Oracle

± =70.1 ² =6.5 **P(success) = 91.5%**

95% CI [79.5%, 100.0%]

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 A

2003 · N Engl J Med

Enfuvirtide, an HIV-1 fusion inhibitor, for drug-resistant HIV infection

Lalezari JP et al.

PMID 12646665