PEPTIDE

Nesiritide (BNP, Natrecor)

Recombinant human BNP; binds NPR-A to elevate cGMP, drive vasodilation, natriuresis, and reduce filling pressures.

BIOGATE · AMBER | POSTERIOR 81.2% | MW 3464.0 | 32AA

SEQUENCE

SPKMVQGSGCFGRKMDRISSSSGLGCKVLRRH

Modifications: disulfide C10-C26; 32-residue B-type natriuretic peptide

PDA-V1 chain of custody

Outer hash

980659-d899065b6b9a065cfe9b065e919c0660249d0661b79e06634a9f066...

Merkle root

df62e70dde62e57add62e3e7dc62e254db62e0c1da62df2ed962dd9bd862dc08

Inputs

b5409658b64097ebb740997eb8409b11b9409ca4ba409e37bb409fc...

TEE attestation

d7762523d6762390d9762849d87626b6db762b6fda7629dcdd762e95dc762d02

Living Outcome Oracle

± =67.6 ² =15.6 **P(success) = 81.2%** 95% CI [69.2%, 93.2%]

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 — 2000 · N Engl J Med

Intravenous nesiritide, a natriuretic peptide, in the treatment of decompensated CHF

Colucci WS et al.

PMID 10891514