PEPTIDE

Vasoactive Intestinal Peptide (VIP)

28-residue VIP/secretin family neuropeptide; activates VPAC1/VPAC2 for smooth muscle relaxation, vasodilation, and immune modulation.

BIOGATE · GREEN | POSTERIOR 82.0% | MW 3326.8 | 28AA

SEQUENCE

HSDAVFTDNYTRLRKQMAVKKYLNSILN

Modifications: amidated C-terminus; 28-residue secretin family

PDA-V1 chain of custody

Outer hash

417-caba1407caa0e3f7ca87b3e7ca6e8457cb1ed447cb05a437caec742

Merkle root

0-dece1160eece2a90becddf00cecdf8311ece76212ece8f50fece43c10ece5cf

Inputs

c985b921c885b78ec785b5fbc685b468cd85bf6dcc85bd-dacb85bc47ca85bab4

TEE attestation

2-b312e882c31301b2d3131ae2e3133412f3134d430313667313137fa3231398d

Living Outcome Oracle

± =63.2 ² =13.9 **P(success) = 82.0%**

95% CI [70.0%, 94.0%]

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 — 2001 · Cardiovasc Res

Vasoactive intestinal peptide: cardiovascular effects

Henning RJ, Sawmiller DR.

PMID 16684805