PEPTIDE

PACAP-38

38-residue neuropeptide of the secretin/VIP family; activates PAC1, VPAC1, VPAC2 receptors. Validated migraine trigger; anti-PACAP antibodies in trials.

BIOGATE · GREEN | POSTERIOR 55.6% | MW 4534.2 | 38AA

SEQUENCE

HSDGIFTDSYSRYRKQMAVKKYLAAVLGKRYKQRVKNK

Modifications: amidated C-terminus; VIP/secretin family neuropeptide

PDA-V1 chain of custody

Outer hash

0-bd736150ad7348209d732ef08d7315c07d72fc906d72e3605d72ca3

Merkle root

c5567110c65672a3c7567436c85675c9c956775cca5678efcb567a82cc567c15

Inputs

fb-fafe95fafafd02f9fafb6ff8faf9dcf7faf849f6faf6b6f5faf523f

TEE attestation

6-f5b2a92705b2c256d5b276c6e5b28ff6b5b24466c5b25d9695b21206a5b22b3

Living Outcome Oracle

± =64.6 ² =51.7 **P(success) = 55.6%** 95% CI [43.6%, 67.6%]

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 — 2009 · Pharmacol Rev

Pituitary adenylate cyclase-activating polypeptide and its receptors: 20 years after the discovery

Vaudry D et al.

PMID 19668088