

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

HSDGIFDTDSYSRYRKQMAVKKYLA AVL GKRYKQRVKNK

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

PDA-V1 chain of custody

Outer hash

0-
bd736150ad7348209d732ef08d7315c07d72fc906d72e3605d72ca30...

Merkle root

c5567110c65672a3c7567436c85675c9c956775cca5678efcb567a82cc567c15...

Inputs

fb-
fafa95fafafd02f9fafb6ff8faf9dcf7faf849f6faf6b6f5faf523f...

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](#)