PEPTIDE

Secretin (ChiRhoStim)

Duodenal S-cell secretagogue; activates pancreatic ductal SCT receptor to drive bicarbonate-rich fluid secretion. First hormone described (Bayliss & Starling, 1902).

BIOGATE · GREEN | POSTERIOR 38.3% | MW 3039.5 | 27AA

SEQUENCE

HSDGTFTSELSRLREGARLQRLLQGLV

Modifications: amidated C-terminus; 27-residue duodenal S-cell hormone

PDA-V1 chain of custody

Outer hash

e11a6bf1e01a6a5edf1a68cbde1a6738e51a723de41a70aae31a6f1

Merkle root

4-cdf2bfc4ddf2d8f4edf2f224fdf30b548df25b049df27434adf28d64bdf2a69

Inputs

d13e3471d03e32decf3e314bce3e2fb8d53e3abdd43e392ad33e379

TEE attestation

b2433576b3433709b0433250b14333e3b6433bc2b7433d55b443389cb5433a2f

Living Outcome Oracle

± =47.4 ² =76.4 **P(success) = 38.3%** 95% CI [26.3%, 50.3%]

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 — 2003 · J Gastroenterol

Secretin, 100 years later

Chey WY, Chang TM.

PMID 16718820