PEPTIDE

KPV

C-terminal tripeptide of ±MSH; downregulates NF-B inflammatory cascade in epithelial cells via PepT1-mediated uptake.

BIOGATE · GREEN | POSTERIOR 5.3% | MW 412.5 | 3AA

SEQUENCE

KPV

Modifications: ±MSH C-terminal tripeptide

PDA-V1 chain of custody

Outer hash

```
f800b215f700b082f600ae-
eff500ad5cf400abc9f300aa36f200a8a3f100a710
```

Merkle root

```
4-
b4003724c4005054940004c4a4001df473ffd26483ffeb9453ffa00463ffb93
```

Inputs

```
8009-
bf957f09be027e09bc6f7d09badc7c09b9497b09b7b67a09b623790
```

TEE attestation

```
b87adcc0b97ade53ba7adfe6bb7ae179bc7ae30cbd7ae49fbe7ae632bf7ae7c5
```

Living Outcome Oracle

± =4.4 ² =78.3 **P(success) = 5.3%**

95% CI [0.0%, 17.3%]

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

2008 · Gastroenterology

PepT1-mediated tripeptide KPV uptake reduces intestinal inflammation

Dalmasso G et al.

PMID 18054553