

RESEARCH PEPTIDE

KPV

Lysine-Proline-Valine

A C-terminal tripeptide of α -MSH with potent anti-inflammatory and antimicrobial properties, studied for gut health, immune modulation, and tissue repair.



RESEARCH
TODAY



DISCOVER
TOMORROW



A HEALTHIER
HUMAN POTENTIAL



SCIENCE
INSPIRES
HUMAN
POTENTIAL



WHAT IS KPV AND WHY IS IT STUDIED?

KPV is a C-terminal tripeptide of alpha-melanocyte stimulating hormone (α -MSH) with potent anti-inflammatory and antimicrobial properties. It modulates immune function, reduces excessive inflammation, and is particularly studied for inflammatory bowel conditions, gut healing, wound repair, and skin inflammatory conditions.



AT A GLANCE

10 mg vial

Research focus:

Anti-inflammatory, gut health, wound repair, immune modulation

Format: lyophilized powder



WHAT IT IS STUDIED FOR

- Gut inflammation and IBD (ulcerative colitis, Crohn's disease)
- Intestinal barrier support
- Wound healing and tissue repair
- Skin inflammatory conditions
- Systemic inflammatory support
- Antimicrobial activity



HOW IT MAY WORK

- Inhibits inflammatory signaling pathways, particularly NF- κ B and MAPK
- Reduces pro-inflammatory cytokines
- Supports epithelial and intestinal barrier healing
- Demonstrates antimicrobial activity against various pathogens
- Modulates immune function without complete immunosuppression



WHAT RESEARCHERS MAY LOOK FOR OVER TIME

1-2 WEEKS

Early digestive and inflammatory support may be observed.

3-4 WEEKS

Reduced gut inflammation and improved digestive symptoms.

4-8 WEEKS

Enhanced tissue repair, barrier integrity, and broader anti-inflammatory effects.

8+ WEEKS

Continued benefits with protocols adjusted based on research goals.



10 MG RESEARCH PROTOCOL

Reconstitution	1 mL Bacteriostatic Water
Final concentration	10 mg / 1 mL = 10 mg/mL
Starting dose	0.5 mg (5 units)
Syringe reference	100 units = 10 mg 5 units = 0.5 mg
Frequency	Once daily
Cycle duration	4-8 weeks on, 2-4 weeks off
Storage	Refrigerate after reconstitution
Notes	Can be taken orally for gut-specific effects or injected for systemic benefits. Works well combined with BPC-157 for comprehensive gut healing. Relatively mild — may need higher doses for severe conditions.



MIXING

10 mg + 1 mL Bacteriostatic Water =
10 mg/mL
5 units = 0.5 mg



TITRATION

No dose-escalation schedule is specified in the source material. Starting dose is 0.5 mg (5 units) once daily, with cycles of 4-8 weeks on, 2-4 weeks off.



IMPORTANT CONSIDERATIONS

- For educational and research purposes only
- Limited human research data
- Avoid use in active or recent cancer research subjects
- Not recommended during pregnancy or breastfeeding
- Store appropriately after reconstitution



EVIDENCE LEVEL

- Human research — Emerging
- Animal research — Moderate
- Mechanistic evidence — Strong
- Long-term safety data — Limited



RESEARCH USE DISCLAIMER

For educational and research use only. Not for human use. Not approved by the FDA or any other regulatory authority. Research compounds are not intended for diagnosis, treatment, or prevention of any disease.