



KPV

KPV is a peptide that is produced naturally in the body. It is found in the hormone alpha MSH, and is often used to treat inflammation, gut health, and conditions such as Inflammatory Bowel Disease (*IBD*) and colon cancer.

Benefits & Applications of KPV

Anti-Inflammatory

KPV is an anti-inflammatory peptide that is used to treat a wide range of inflammatory diseases. It inactivates inflammatory pathways by entering a cell's nucleus and works with molecules inside the cell to inhibit the interaction of inflammatory substances.

Anti-Microbial

In addition to its anti-inflammatory effect, KPV has also proven to be an effective antimicrobial against pathogens. Studies have shown the peptide to be extremely effective against the bacteria *Staphylococcus aureus* and the fungal *Candida albicans*.

Gut Health

Research has shown that when taken orally, KPV reduces the incidence of colitis. KPV has also shown to be effective in treating Inflammatory Bowel Diseases (*IBDs*) by inhibiting immune responses.

Wound Healing

After suffering a wound, microbes are prone to entering it. Research in wound healing has shown that KPV, with its anti-inflammatory and anti-microbial properties, can facilitate wound healing and lead to improved cosmetic results.

Cancer

KPV treatment has shown to decrease both the formation of tumors (tumorigenesis), and cancer (carcinogenesis). Studies also indicate that using KPVs before the development of colon cancer might be a preventative method to stop colonic carcinogenesis before it begins, although the exact process by which it decreases tumor formation has not yet been determined.

Side Effects

Because KPV is a naturally occurring peptide, studies have shown great results when administered orally, intravenously, subcutaneously, and transdermally. However, there is always a chance for side effects, so it is highly recommended that individuals have a discussion with their physician or medical professional before beginning peptide treatments.