

# BPC-157

**Purity:** >98% (HPLC on request)  
**Molecular Formula:** C<sub>62</sub>H<sub>98</sub>N<sub>16</sub>O<sub>22</sub>  
**Molecular Weight:** 1419.5355

**Sequence:** L-Valine, glycyl-L-alpha-glutamyl-L-prolyl-L-prolyl-L-prolylglycyl-L-lysyl-L-prolyl-L-alanyl-L-alpha-aspartyl-L-alpha-aspartyl-L-alanylglycyl-L-leucyl; glycyl-L-alpha-glutamyl-L-prolyl-L-prolyl-L-prolylglycyllysyl-L-prolyl-L-alanyl-L-alpha-aspartyl-L-alpha-aspartyl-L-alanylglycyl-L-leucyl-L-valine



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## DESCRIPTION

Pentadecapeptide BPC 157, composed of 15 amino acids, is a partial sequence of body protection compound (BPC) that is discovered in and isolated from human gastric juice. Experimentally it has been demonstrated to accelerate the healing of many different wounds, including tendon-to-bone healing and superior healing of damaged ligaments.

Additionally, BPC 157 has shown to protect organs and aids in the prevention of gastric ulcers. BPC-157 acts systemically in the digestive tract to combat leaky gut, IBS, gastro-intestinal cramps, and Crohn's disease.

This peptide has been known to exhibit analgesic characteristics. Those who suffer from discomfort due to muscle sprains, tears and damage may benefit from treatment with this peptide. It can also help to aid skin burns at a faster rate by increasing blood flow to damaged tissues.

## SUGGESTED PROTOCOL

### Content & Potency

**Injectable:** 2000mcg/ml subcutaneous injectable provided in a 5ml vial.

**Oral:** 500mcg capsule

**Suggested dosage:** Inject 0.15ml injected subcutaneously every day for 30 days.

**Oral option:** Take one capsule by mouth once daily for 30 days.

## CLINICAL RESEARCH

### The Promoting effect of Pentadecapeptide BPC 157 on tendon healing involves tendon outgrowth, cell survival, and cell migration

Chung-Hsun Chang, Wen-Chung Tsai Miao-Sui Lin, Ya-Hui Hsu, and Jong-Hwei Su Pang

Many growth factors such as epidermal growth factor (EGF), transforming growth factor-(TGF-), and bone morphogenetic proteins (BMPs) have been used to improve the healing of torn tendon in the lab (2, 31). However, the short duration of these easily digested growth factors hampers their clinical usage. Gastric pentadecapeptide BPC 157 is a partial sequence of human gastric protein BPC, which has been discovered in and isolated from gastric juice (5). It is highly stable and resistant to hydrolysis or enzyme digestion, even in the gastric juice. Besides, it is easily dissolved in water and needs no carrier for its application. Experimentally it was demonstrated to enhance the healing of different wounds, such as gastric ulcer (19, 32), skin (4, 15), cornea (13), muscle (28), colon-colon anastomosis (22), colocutaneous stula (11), and segmental bone defect (21). It was also found to accelerate the healing of transected rat Achilles tendon (12, 29) and medial collateral ligament of knee (8). Currently it is in clinical trial for treating inflammatory bowel disease.

**A full copy of all trials are available from EVEXIAS Health Solutions.  
Please contact us for more info.**

These statements have not been evaluated by the Food and Drug Administration.  
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These compounds are not intended to cure or prevent disease.