



BPC-157

Body Protection Compound · Gastric Pentadecapeptide

OVERVIEW

BPC-157 is a synthetic pentadecapeptide of 15 amino acids derived from a protective gastric protein. One of the most researched peptides in regenerative medicine, it demonstrates broad-spectrum tissue-healing and cytoprotective properties across musculoskeletal, gastrointestinal, and neurological systems. BPC-157 is stable in human gastric juice and shows remarkable healing potential in both local and systemic applications across a wide range of injury and disease states.

SPECIFICATIONS

Size	10mg per vial
Reconstitution	Add 2ml BAC Water → 5,000mcg/ml
Route	Subcutaneous (SubQ) injection
Storage	Refrigerate 2–8°C; protect from light

CLINICAL APPLICATIONS

■ Tendon, ligament & muscle repair	■ GI healing — ulcers, IBD, leaky gut
■ Post-surgical & wound healing	■ Neuroprotective & brain injury support
■ Anti-inflammatory & angiogenic activity	■ Joint pain & arthritis management

MECHANISM OF ACTION

BPC-157 upregulates GH receptor expression and modulates nitric oxide synthesis via endothelial NOS pathways, driving angiogenesis and vascular repair at injury sites. It activates the FAK-paxillin pathway in fibroblasts, accelerating cell migration and structural healing. Cytoprotective GI effects are achieved through mucosal integrity maintenance and reduction of oxidative stress.

RECONSTITUTION & DOSING GUIDE · SubQ Injection · U-100 Insulin Syringe

2ml BAC Water + 10mg vial = 5,000mcg/ml · U-100 syringe: 10 units = 500mcg

PHASE	DOSE	SYRINGE UNITS (U-100)	FREQUENCY
Starting	250mcg	5 units	Once daily
Low	500mcg	10 units	Once daily
Moderate	750mcg	15 units	Once daily
Standard	1,000mcg (1mg)	20 units	Once daily
Max Dose	1,500mcg (1.5mg)	30 units	Once daily