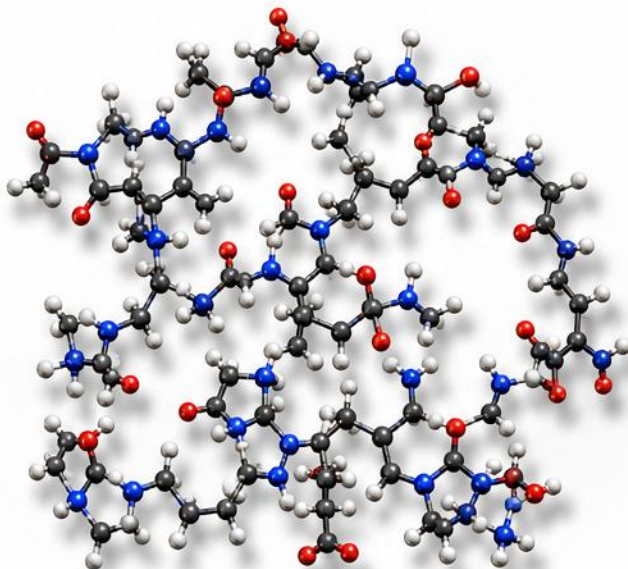




	PRODUCT NAME	BPC-157 (Body Protection Compound-157)
	SYNONYMS	BPC-157; Pentadecapeptide BPC-157
	CAS NUMBER	137525-51-0
	PEPTIDE CLASS	Synthetic pentadecapeptide
	APPEARANCE	White to off-white lyophilized powder
	SOLUBILITY	Readily soluble in Water for Injection, bacteriostatic water, or sterile saline.
	STORAGE (LYOPHILIZED)	2–8°C short-term; –20°C or below for long-term. Protect from moisture and light.
	STORAGE (AFTER RECONSTITUTION)	2–8°C. Avoid repeated freeze–thaw cycles.

ILLUSTRATIVE 3-D MOLECULAR VISUALIZATION

*Illustrative 3-D molecular visualization of
BPC-157 (Body Protection Compound-157).*



● Carbon ● Hydrogen ● Nitrogen ● Oxygen

*The 3-D molecular structure represents the
chemical structure of BPC-157.*

COMPONENT SPECIFICATIONS

PARAMETER	SPECIFICATION
CAS Number	137525-51-0
Amino Acid Sequence (15 amino acids)	Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val-Ala
One-Letter Sequence	GEPPPGKPADAGLV
Molecular Formula	C ₆₂ H ₉₈ N ₁₆ O ₂₂
Molecular Weight	1,419.53 g/mol



DESCRIPTION

BPC-157 is a synthetic 15-amino-acid peptide derived from a protective protein fragment found in gastric juice. It is primarily supplied as a lyophilized powder for laboratory research.

Published research has explored gastrointestinal, musculoskeletal, tendon, ligament, nerve, and angiogenesis models, but human clinical evidence remains limited.



KEY CHARACTERISTICS

- ✓ Synthetic 15-amino-acid peptide
- ✓ Derived from a protective protein fragment found in gastric juice
- ✓ Supplied as a sterile lyophilized powder
- ✓ Highly water soluble
- ✓ Typically analyzed using HPLC and LC-MS
- ✓ Stable for long-term frozen storage when lyophilized



SCIENTIFIC NOTE

BPC-157 is a research peptide and is not approved as a therapeutic drug by the FDA or Health Canada. All use is restricted to laboratory research. The information provided is for reference purposes only and is not intended for human or veterinary use.

