



## Technical Data Sheet

# BPC-157

### Product Information

Alternate Names:	Body Protection Compound
Size:	10.0mg
Format/Appearance:	Lyophilized, white/off-white powder
Sequence:	Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val
Purity:	>98%
Recommended Diluent:	Bacteriostatic Water

### Description

BPC-157 is a peptide that was discovered and isolated from human gastric juice. Research has shown that it has the ability to accelerate the healing of injuries and wounds, including tendon-to-bone healing and damaged ligaments.

It has also been shown to promote healing and prevention of gastric ulcers, making it a powerful compound to aid those suffering from various gastrointestinal disorders, such as leaky gut, Irritable Bowel Syndrome (IBS) and Chron's Disease.

Research is also ongoing, investigating the potential use of BPC-157 in depressive disorders due to the brain-gut axis and anti-inflammatory benefits of the compound.

### Indications and Benefit

- Soft tissue, tendon, and ligament repair
- Gut Health (IBS, Chron's Disease, leaky gut)
- Cognitive Function and Brain Health

### Preparation and Storage

Prior to reconstitution, BPC-157 should be stored at -20C, protected from light. After reconstitution, store at 4C protected from light.

## Clinical Research and Related Publications

Klicek, R., Patrlj, L., Zoricic, I., Hrelec, M., Sever, M., Seiwert, S., & Sikiric, P. (2010). W1338 The Pentadecapeptide BPC 157 Effective in Healing the Colon-Colon Anastomosis Complicated With Cysteamine Induced Colitis. *Gastroenterology*, 138(5), S-702. [https://doi.org/10.1016/s0016-5085\(10\)63229-5](https://doi.org/10.1016/s0016-5085(10)63229-5)

Krivic, A., Anic, T., Seiwert, S., Huljev, D., & Sikiric, P. (2006). Achilles Detachment in Rat and Stable Gastric Pentadecapeptide BPC 157: Promoted Tendon-to-Bone Healing and Opposed Corticosteroid Aggravation. *Journal of Orthopaedic Research*, 24(5), 982-989. <https://doi.org/10.1002/jor.20096>

Seiwert, S., Sikiric, P., Grabarevic, Z., Zoricic, I., Hanzevacki, M., Ljubanovic, D., Coric, V., Konjevoda, P., Petek, M., Rucman, R., Turkovic, B., Perovic, D., Mikus, D., Jandrijevic, S., Medvidovic, M., Tadic, T., Romac, B., Kos, J., Peric, J., & Kolega, Z. (1997). BPC 157's effect on healing. *Journal of Physiology-Paris*, 91(3-5), 173-178. [https://doi.org/10.1016/s0928-4257\(97\)89480-6](https://doi.org/10.1016/s0928-4257(97)89480-6)

Sikiric, P., Seiwert, S., Rucman, R., Kolenc, D., Batelja Vuletic, L., Drmic, D., Grgic, T., Strbe, S., Zukanovic, G., Crvenkovic, D., Madzarac, G., Rukavina, I., Sucic, M., Baric, M., Starcevic, N., Krstonijevic, Z., Lovric Bencic, M., Filipcic, I., Stancic Rokotov, D., & Vlainic, J. (2016). Brain-gut Axis and Pentadecapeptide BPC 157: Theoretical and Practical Implications. *Current Neuropharmacology*, 14(8), 857-865. <https://doi.org/10.2174/1570159x13666160502153022>

Sikiric, P., Šeparovic, J., Buljat, G., Anic, T., Stancic-Rokotov, D., Mikus, D., Marovic, A., Prkacin, I., Duplancic, B., Zoricic, I., Aralica, G., Lovric-Bencic, M., Ziger, T., Perovic, D., Rotkvic, I., Mise, S., Hanzevacki, M., Hahn, V., Seiwert, S., ... Rucman, R. (2000). The antidepressant effect of an antiulcer pentadecapeptide BPC 157 in Porsolt's test and chronic unpredictable stress in rats. A comparison with antidepressants. *Journal of Physiology-Paris*, 94(2), 99-104. [https://doi.org/10.1016/s0928-4257\(00\)00148-0](https://doi.org/10.1016/s0928-4257(00)00148-0)

Staresinic, M., Petrovic, I., Novinscak, T., Jukic, I., Pevec, D., Suknaic, S., Kokic, N., Batelja, L., Brcic, L., Boban-Blagaic, A., Zoric, Z., Ivanovic, D., Ajduk, M., Sebecic, B., Patrlj, L., Sosa, T., Buljat, G., Anic, T., Seiwert, S., & Sikiric, P. (2006). Effective therapy of transected quadriceps muscle in rat: Gastric pentadecapeptide BPC 157. *Journal of Orthopaedic Research*, 24(5), 1109-1117. <https://doi.org/10.1002/jor.20089>

Tudor, M., Jandric, I., Marovic, A., Gjurasin, M., Perovic, D., Radic, B., Blagaic, A. B., Kolenc, D., Brcic, L., Zarkovic, K., Seiwert, S., & Sikiric, P. (2010). Traumatic brain injury in mice and pentadecapeptide BPC 157 effect. *Regulatory Peptides*, 160(1-3), 26-32. <https://doi.org/10.1016/j.regpep.2009.11.012>