

Product Information

Product ID H1645
CAS No. 93438-37-0
Chemical Name

Synonym Exendin 1

Formula C₁₈₃H₂₉₃N₄₇O₅₉
Formula Wt. 4095.66
Melting Point
Purity ≥95%
Solubility Soluble in water.

Store Temp -20°C

Ship Temp Ambient

Description Helospectin I is a peptide originally found in *Heloderma* lizards. Helospectin I is a neuropeptide of the vasoactive intestinal peptide (VIP) family that exhibits vasodilatory and antihypertensive activities, decreasing blood pressure in vivo. Additionally, helospectin I increases plasma glucagon in animal models.

H-His-Ser-Asp-Ala-Thr-Phe-Thr-
 Ala-Glu-Tyr-Ser-Lys-Leu-Leu-Ala-
 Lys-Leu-Ala-Leu-Gln-Lys-Tyr-Leu-
 Glu-Ser-Ile-Leu-Gly-Ser-Ser-Thr-
 Ser-Pro-Arg-Pro-Pro-Ser-Ser-OH

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
H1645	1 mg	\$330.80
H1645	2 mg	\$630.00
H1645	5 mg	\$992.30

References Tsueshita T, Onyükusel H, Sethi V, et al. Helospectin I and II evoke vasodilation in the intact peripheral microcirculation. *Peptides*. 2004 Jan;25(1):65-9. PMID: 15003357.

Uddman R, Goadsby PJ, Jansen-Olesen I, et al. Helospectin-like peptides: immunochemical localization and effects on isolated cerebral arteries and on local cerebral blood flow in the cat. *J Cereb Blood Flow Metab*. 1999 Jan;19(1):61-7. PMID: 9886356.

Ahrén B. Effects of helospectin I on insulin and glucagon secretion in the mouse. *Br J Pharmacol*. 1991 Apr;102(4):916-8. PMID: 1855119.

Grundemar L, Högestätt ED. Vascular effects of helodermin, helospectin I and helospectin II: a comparison with vasoactive intestinal peptide (VIP). *Br J Pharmacol*. 1990 Mar;99(3):526-8. PMID: 2331581.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.