

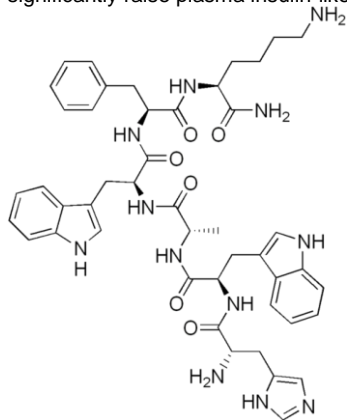
Product Data Sheet

| | |
|-------------------|--|
| Name | Growth Hormone Releasing Peptide – 6 (GHRP-6) |
| Cat # | PP-1340 |
| Size | 100 mg and custom size. |
| CAS# | 87616-84-0 |
| Mol. Mass | 873.014 |
| Formula | C ₄₆ H ₅₆ N ₁₂ O ₆ |
| Sequence | His-D-Trp-Ala-Trp-Dphe-Lys-NH ₂ |
| Purity | >99% |
| Appearance | Powder |

Growth hormone releasing hexapeptide (GHRP6) is a peptide in the growth factor family. It is one of several synthetic met-enkephalin analogs that include unnatural D-amino acids, developed for their growth hormone (GH) releasing activity and are called GH secretagogues. They are potent stimulators of GH release and have beneficial cardiovascular effects. They derive their function through action at a receptor called the GH secretagogue receptor.

GHRP-6 has strong effect on the release of Growth Hormone and functions in the treatment of GH deficiency as well as cachexia, eating disorders and obesity. It has also been discovered that when GHRP-6 and insulin are used simultaneously, GH response to GHRP-6 is increased.

GH secretagogues differ from exogenous rGH in their effects primarily due to the fact that endogenous GH contains all five isoforms of growth hormone, whereas exogenous GH contains only the 20 kilodalton isoform. Different isoforms affect tissues in discreet ways that the 20 kDa isoform cannot. Administration of GH secretagogues causes a pulse-release of GH from the pituitary which is cleared from the body within a few hours. This does not significantly raise plasma insulin-like growth factor 1 (IGF-1) levels.



References: Cabrales A (2013) Eur J Pharm Sci 48 (1-2): 40–6; Penalva A (1993) Journal of Clinical Endocrinology and Metabolism 76 (1): 168–71

Relate Items

Catalog# ProdDescription
PP-1330 GHRP-2 (Growth Hormone Releasing Peptide-2)

PP-1340 GHRP-6

SP-55255-1 GHRP-2 [H-D-Ala-D-2-Nal-Ala-Trp-D-Phe-Lys-NH₂; MW: 818.0]

SP-68078-5 [D-Lys3]- GHRP- 6 [His-D-Trp-D-Lys-Trp-D-Phe-Lys-NH₂; MW: 930.13]

PP-1340-GHRP-6 150825A