
Product Data Sheet

Product Name: GHRP5
Cat. No.: GP26109
Batch No.: 1

Product Data

| | | | |
|---------------------|--|--------------------|-------------|
| Purity | >98% | Source | |
| Physical Appearance | solid | Shipping Condition | atRoomtemp. |
| Synonyms | GHRP-5, GHRP5. | | |
| Amino Acid Sequence | Tyr-(D-Trp)-Ala-Trp-(D-Phe)-NH ₂ . | | |
| Solubility | It is recommended to reconstitute the lyophilized GHRP5 in sterile 18MΩ-cm H ₂ O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. | | |
| Formulation | The protein was lyophilized with no additives. | | |

Introduction

GH-releasing peptides (GHRPs) are synthetic peptides that like GHRH effect on pituitary somatotrophs to stimulate GH release. The GHRP5 is one of several synthetic met-enkephalin analogs that owns unnatural D-amino acids. They were developed for their growth hormone (GH) releasing activity and called GH secretatogues. They lack opioid activity but are potent stimulators of GH release. These secretatogues are distinct from the growth hormone releasing hormone (GHRH or GHRF) as they share no sequence relation and derive their function through action at a completely different receptor, the ghrelin receptor.

Stability

Lyophilized Growth Hormone Releasing Peptide-5 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GHRP5 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

Growth Hormone Releasing Peptide-5 Synthetic is a single, non-glycosylated polypeptide chain containing 5 amino acids, having a molecular mass of 770.91 Dalton and a Molecular formula of C₄₃H₄₆N₈O₆.

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