
Product Data Sheet

Product Name: Ipamorelin

Cat. No.: GP26111

Batch No.: 1

Product Data

Purity >98%

Source

Physical Appearance

solid

Shipping Condition

atRoomtemp.

Synonyms Ipamorelin

Amino Acid Sequence

Aib-His-D-2-Nal-D-Phe-Lys-NH₂.

Solubility

It is recommended to reconstitute the lyophilized Ipamorelin in sterile 18MΩ-cm H₂O 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

Ipamorelin is a peptide selective agonist of the ghrelin/growth hormone secretagogue receptor and a growth hormone secretagogue. Ipamorelin is a pentapeptide that was derived from GHRP1. Ipamorelin significantly increases plasma growth hormone levels in both animals and humans. Like pralmorelin and GHRP-6, ipamorelin does not affect prolactin, FSH, LH or TSH levels. However, unlike GHRP2 and GHRP6, but as growth hormone-releasing hormone (GHRH), ipamorelin does not stimulate the secretion of adrenocorticotrophic hormone (ACTH) or cortisol, and is highly selective for inducing the secretion only of GH.

Stability

Lyophilized Ipamorelin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Ipamorelin 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

Ipamorelin Synthetic is a single, non-glycosylated polypeptide chain containing 4 amino acids, having a molecular mass of 711.85 Dalton and a Molecular formula of C₃₈H₄₉N₉O₅.

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