9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Ipamorelin

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HRM0061

Product Overview

Name	Ipamorelin

Description

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Synonyms

Ipamorelin

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 adrenocorticotropic hormone (ACTH) or cortisol, and is highly selective for inducing the secretion only of GH.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

The protein was lyophilized with no additives.

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.

Purity

Greater than 97.0% as determined by analysis by RP-HPLC.

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 H 2 O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

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Ipamorelin is for research use only and not for use in diagnostic or therapeutic procedures.