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32-6625: Ipamorelin

Alternative Name : Ipamorelin

Description

Sterile Filtered White lyophilized (freeze-dried) powder.
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.
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.

Product Info

Amount :	5 mg / 25 mg
Purification :	Greater than 97.0% as determined by analysis by RP-HPLC.
Content :	The protein was lyophilized with no additives. It is recommended to reconstitute the lyophilized Ipamorelin in sterile 18M Omega -cm H2O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Storage condition :	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.
Amino Acid :	Aib-His-D-2-Nal-D-Phe-Lys-NH2.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.