

## 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 adrenocorticotrophic 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 C<sub>38</sub>H<sub>49</sub>N<sub>9</sub>O<sub>5</sub>.

### Product Info

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