

Growth-hormone-releasing peptide (GHRP-2)

GHRP-2

Product	Cat#	Package size
Growth-hormone-releasing peptide (GHRP-2)	C6471.0005	5mg
Growth-hormone-releasing peptide (GHRP-2)	C6471.0025	25mg
Growth-hormone-releasing peptide (GHRP-2)	C6471.0100	100mg

Description

GH-releasing peptides (GHRPs) are synthetic peptides that like GHRH act directly on pituitary somatotrophs to stimulate GH release. GHRP-2, an investigational drug, is one of the most potent members of the GHRP family. It has been shown to be effective in adults via the oral and intranasal as well as the intravenous route of administration.

Growth Hormone Releasing Peptide-2 is a single, non-glycosylated polypeptide of 6 amino acids (D-Ala-D-2-NAL-Ala-Trp-D-Phe-Lys), and a molecular mass of 817.9 Dalton and the molecular formula C₄₅H₅₅N₉O₆.

Synonyms: GHRP-2, GHRP

Source: Chemically synthesized

Purity/Contaminants: Greater than 98.0% as determined by RP-HPLC.

Amino acid sequence and dimers aggregates

H-D-Ala-D-2-Nal-Ala-Trp-D-Phe-Lys-NH₂

Formulation: GHRP-2 was lyophilized with no additives.

Physical Appearance: Sterile Filtered White lyophilized (freeze-dried) powder.

Stability

Lyophilized GHRP-2 although stable at room temperature for 3 weeks, should be stored desiccated below -20°C.

Upon reconstitution GHRP-2 should be stored at +2°C to +8°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent from repeated freeze-thaw cycles.

Reconstitution

It is recommended to reconstitute the lyophilized GHRP-2 in sterile 18MΩ-cm H₂O not less than 100µg/mL, which can then be further diluted to other aqueous solutions.

Usage

This product is for research/laboratory usage only. It may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.