
GHRP-1 Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350578

Unit: 1 mg

Description:

The growth hormone-releasing peptide-1 (GHRP-1) is one of several synthetic met-enkephalin analogs that include unnatural D-amino acids. They were developed for their growth hormone (GH) releasing activity, then called GH secretatogues. They lack opioid activity but are potent stimulators of GH release. These secretatogues are distinct from the growth hormone releasing hormone (GHRH or GHRF) in that they share no sequence relation and derive their function through action at a completely different receptor, the ghrelin receptor.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Growth hormone-releasing peptide-1; GHRP-1; GHRP; GHRP1; Growth hormone-releasing factor; GRF; Growth hormone-releasing hormone; GHRH; GHRF

MW: 955 g/mol

Sequence: H-Ala-His-(D-2-Nal)-Ala-Trp-(D-Phe)-Lys-NH₂

Composition: C₅₁H₆₀O₇N₁₂

Purity: Purity > 95% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.