

PHI Peptide (Porcine)

Subcategory: Synthetic Peptide

Cat. No.: 350342

Unit: 1 mg

Description:

Porcine intestinal peptide (PHI-27) is a cleaved product from VIP peptides. PHI-27 causes vasodilation, lowers arterial blood pressure, stimulates myocardial contractility, increases glycogenolysis and relaxes the smooth muscle of trachea, stomach, and gall bladder.

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

Alternate Names: VIP peptides; Porcine intestinal peptide; Intestinal peptide PHI-27; PHI; Peptide histidine isoleucinamide 27

Accession No.: P01284

MW: 2995.4 g/mol

Sequence: Porcine: H-His-Ala-Asp-Gly-Val-Phe-Thr-Ser-Asp-Phe-Ser-Arg-Leu-Leu-Gly-Gln-Leu-Ser-Ala-Lys-Lys-Tyr-Leu-Glu-Ser-Leu-Ile-NH₂ or H-HADGVFTSDFSRLLGQLSAKKYLESI-NH₂

Composition: C₁₃₆H₂₁₆N₃₆O₄₀

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, aliquot and store at -20°C.

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