
Prolactin-Releasing Peptide [1-31]

Subcategory: Synthetic Peptide

Cat. No.: 350354

Unit: 1 mg

Description:

Prolactin-Releasing Peptide (PrRP) is expressed in the pituitary gland to stimulate prolactin (PRL) release and to regulate expression of prolactin through its receptor GPR10. Prolactin is involved in the development of the mammary glands and the promotion of milk synthesis in mammals.

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

Alternate Names: Prolactin-releasing peptide; PrRP; Prolactin-releasing hormone; PRLH; PRH

Accession No.: P81277

MW: 3664.2 g/mol

Sequence: Human: H-Ser-Arg-Thr-His-Arg-His-Ser-Met-Glu-Ile-Arg-Thr-Pro-Asp-Ile-Asn-Pro-Ala-Trp-Tyr-Ala-Ser-Arg-Gly-Ile-Arg-Pro-Val-Gly-Arg-Phe-NH₂ or H-SRTHRHSMEIRTPDINPAWYASRGIRPVGRF-NH₂

Composition: C₁₆₀H₂₅₂N₅₆O₄₂S

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.