
Beta Casomorphin 5 Peptide (Bovine)

Subcategory: Synthetic Peptide

Cat. No.: 350599

Unit: 10 mg

Description:

Beta Casomorphin 5 Peptide (Bovine) (Cat. No. 350599) corresponds to aa75-79 of bovine beta casein sequence. Casomorphins are bioactive peptides derived from the digestion of beta-casein, a milk protein, with a role in micelle formation. There are associations between serum levels of beta-casomorphins and risk of sudden infant death syndrome, histamine release, stimulation of food intake, and lymphocytosis.

Format: Each vial contains 10 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Beta-casomorphin; Casomorphin; beta-casein; CSN2

Accession No.: P02666

MW: 594.66 g/mol

Sequence: Bovine: H-Tyr-Pro-Phe-Pro-Gly-OH or H-YPFPG-OH

Composition: C₄₄H₆₁N₇O₁₄

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.