

Gamma-3 MSH Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350182

Unit: 1 mg

Description:

MSH (melanocyte-stimulating hormone), produced by the pituitary gland, regulates the pigmentation of the skin by increasing melanin production in melanocytes. Gamma-MSH corresponds to aa 77-87 of corticotropin precursor. Gamma-3 MSH binds to the melanocortin-3 receptor (MC3-R).

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

Alternate Names: Melanotropin gamma; gamma-MSH; melanocortin 3; corticotropin-lipotropin; pro-opiomelanocortin; POMC

Accession No.: P01189

MW: 2943.2 g/mol

Sequence: H-Tyr-Val-Met-Gly-His-Phe-Arg-Trp-Asp-Arg-Phe-Gly-Arg-Arg-Asn-Gly-Ser-Ser-Ser-Ser-Gly-Val-Gly-Gly-Ala-Ala-Gln-OH or H-YVMGHFRWDRFGRRNGSSSSGVGGAAQ-OH

Composition: C₁₂₆H₁₈₈N₄₄O₃₇S₁

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.