
Melanotan-2 Peptide

Subcategory: Synthetic Peptide

Cat. No.: 350269

Unit: 5 mg

Description:

Melanotan 2 is a synthetic analog of the naturally occurring melanocortin peptide hormone alpha-melanocyte stimulating hormone (alpha-MSH). Melanotan 2 stimulates the release of alpha-MSH causing melanin production in skin cells. Preliminary studies have shown tanning and aphrodisiac effects. Melanotan 2 is a cyclic lactam analog of alpha-MSH.

Format: Each vial contains 5 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: MT2; Melanotan-2; Melanotan II; Melanotan-II

Accession No.: CAS 121062-08-6

MW: 1024.2 g/mol

Sequence: Ac-Nle-Asp-His-D-Phe-Arg-Trp-Lys-NH₂ (Asp²-Lys⁷) or Ac-Nle-DHfRWK-NH₂ (Asp²-Lys⁷)

Composition: C₅₀H₆₉N₁₅O₉

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.