

Melanotan-II - Purified

Catalog No.: AR10242PU-N

Quantity: 0.1 g

Concentration: 1.0 mg/ml (prior to lyophil.)

Background: Melanotan and Melanotan-II are both analogs of the peptide hormone alpha melanocyte stimulating hormone (alpha-MSH) that tend to induce skin tanning. Unlike Melanotan, Melanotan-II has the additional effect of increasing libido. Melanotan II has aphrodisiac properties.

Source: Synthetic

Format: **State:** Sterile Filtered White lyophilized (freeze-dried) powder without additives
Purity: >97.0% as determined by both RP-HPLC and SDS-PAGE analysis
Reconstitution: Restore in sterile 18MΩ-cm⁻¹ H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Description: **Molecular formula:** C₅₀H₆₉N₁₅O₉
CAS Number: 121062-08-6
AA Sequence:
Ac-Nle-cyclo [Asp-His-D-Phe-Arg-Trp-Lys]-NH₂
Molecular weight: 1024.2 Da

Storage: Prior to reconstitution store at RT for one month or desiccated below -18°C.
Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.