

Melanotan-II - Purified

Catalog No.:	AR10242PU-L
Quantity:	0.5 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 H ₂ O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Description:	Molecular formula: C ₅₀ H ₆₉ N ₁₅ O ₉ CAS Number: 121062-08-6 AA Sequence: Ac-Nle-cyclo [Asp-His-D-Phe-Arg-Trp-Lys]-NH ₂ 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.