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AR10242PU-N OriGene EU

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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 $18M\Omega$ -cm⁻¹ H₂O not less than $100 \mu g/ml$, 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]-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.