

## MT I

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**Description:** Melanotan-I has the amino acid sequence of Ser-Tyr-Ser-Nle-Glu-His-D-Phe-Arg-Trp-Gly-Lys-Pro-Val and a molecular weight of 1647.4 Dalton.

Catalog #: HOPS-313

**Synonyms:** Melanotan-I, MT-I, Melanotan-1.

For research use only.

**Physical Appearance:** Sterile Filtered off-White lyophilized (freeze-dried) powder.

**Purity:** Greater than 98.0% as determined by RP-HPLC.

**Formulation:**

The protein (1 mg/ml) was lyophilized with no additives.

**Stability:**

Lyophilized Melanotan-I although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MT-I should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Solubility:**

It is recommended to reconstitute the lyophilized Melanotan-I in sterile 1% acetic acid not less than 100

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