

## 32-2053: MT I Recombinant Protein

**Alternative Name :** Melanotan-I,MT-I,Melanotan-1.

### Description

Source : 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.

### Product Info

**Amount :** 100 mg

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

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

**Storage condition :** 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.

### Application Note

It is recommended to reconstitute the lyophilized Melanotan-I in sterile 1% acetic acid not less than 100  $\mu$ g/ml, which can then be further diluted to other aqueous solutions.

