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**Product Data Sheet**

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Product Name: MT I  
Cat. No.: GP21278  
Batch No.: 1

**Product Data**

Purity	>98%	Source	
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Melanotan-I; MT-I; Melanotan-1.		
Solubility	It is recommended to reconstitute the lyophilized Melanotan-I in sterile 1% acetic acid not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	The protein (1mg/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.

**Background**

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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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