

32-2053: Melanotan-I

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 $\mu\text{g/ml}$, which can then be further diluted to other aqueous solutions.

