



Product Datasheet

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| Product Name | Melanotan-II |
| Cata No | CB500737 |
| Source | |
| Synonyms | Melanotan-II, MT-II, Melanotan. |

Description

Melanotan and Melanotan-II are both analogs of the peptide hormone alpha melanocyte stimulating hormone (α -MSH) that tend to induce skin tanning. Unlike Melanotan, Melanotan-II has the additional effect of increasing libido.

Melanotan II has aphrodisiac properties. It has the amino acid sequence of Ac-Nle-cyclo [Asp-His-D-Phe-Arg-Trp-Lys]-NH₂ and a molecular weight of 1024.2 Dalton.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Purity

Greater than 97.0% as determined by:

(a) Analysis by RP-HPLC.

(b) Analysis by SDS-PAGE.

Formulation

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

Stability

Lyophilized Melanotan-II although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MT-II 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.