



Melanotan-II (DAG3651)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Melanotan-II
Species	N/A
Purity	Greater than 99.0% as determined by RP-HPLC and SDS-PAGE analyses
Conjugate	Unconjugated
Format	Lyophilized
Size	20 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Melanotan II developed at the University of Arizona is a synthetic analog of the naturally occurring melanocortin peptide hormone alpha-melanocyte stimulating hormone (α -MSH) that in usage has been shown to have melanogenesis (tanning) and aphrodisiac effects in preliminary studies and clinical trials. It is a cyclic lactam analog of α -MSH with the amino acid sequence Ac-Nle-cyclo[Asp-His-D-Phe-Arg-Trp-Lys]-NH ₂ .
Keywords	MT II; MT2A; MT2A; MT2; CES1; MT2; metallothionein-2; MT-2; MT-II; OTTHUMP00000164382; metallothionein-2A; metallothionein-II; Melanotan II