

Rev04
Update: May,23,2022

DATASHEET

Melanotan (MT)-II

Cat. No.: RP17323

Overview

Synonyms	MelanotanII; Melanotan 2; Melanotan2; MT-II; MTII; MT-2; MT2
Description	Melanotan II is an analog of the peptide hormone alpha-melanocyte stimulating hormone (α -MSH). It shows strong melanotropic activity.
Cas No	121062-08-6
Sequence	Ac-{NLE}{ASP}{HIS}{D-PHE}{ARG}{TRP}{LYS}-NH ₂
Molecular Formula	C ₅₀ H ₆₉ N ₁₅ O ₉
C Terminal	NH ₂
N Terminal	Ac
Lactam Bridge	Asp2-Lys7
Molecular Weight	1024.18

Properties

Purity	> 95%
Solubility	The peptide is soluble in water, 5 mg/ml.
Form	Lyophilized
Storage	Store the peptide at -20°C. Keep container tightly closed.
Note	Agonist of rat MC3-receptor (EC ₅₀ =0.27 Å± 0.23 nM) and mouse MC4-receptor (EC ₅₀ =0.057 Å± 0.024 nM) The peptide is currently out of stock. For availability, please check with our service representatives.

Examples

GenScript Corporation

