

Product Name	: Melanotan I
Synonyms	: MT-I,[Nle4,D-Phe7]-α-MSH
Cat No.	: M22294
CAS Number	: 75921-69-6
Molecular Formula	: C78H111N21O19
Formula Weight	: 1646.85
Chemical Name	: —
Description	: 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.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: H2O:50 mg/mL (30.36 mM)
SMILES	: <chem>OC[C@H](NC(=O)[C@H](Cc1ccc(O)cc1)NC(=O)[C@H](CO)NC(C)=O)C(=O)N[C@@H](CCCC)C(=O)N[C@@H](CCC(=O)O)C(=O)N[C@@H](Cc2cncn2)C(=O)N[C@H](Cc3ccccc3)C(=O)N[C@@H](CCCNC(=N)N)C(=O)N[C@@H](Cc5cnc4ccccc45)C(=O)NCC(=O)N[C@@H](CCCCN)C(=O)N6CCC[C@H]6C(=O)N[C@H](C(N)=O)C(C)C</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Langan EA, et al. Melanotropic peptides: more than just 'Barbie drugs' and 'sun-tan jabs' Br J Dermatol. 2010 Sep;163(3):451-5.