

<b>Name</b>	<b>Melanotan I, Acetate</b>
<b>Cat #</b>	PP-1510
<b>Size</b>	1 g, 10 g, 100, g and bulk custom packages
<b>CAS#</b>	75921-69-6
<b>Mol. Mass</b>	1646.85
<b>Formula</b>	C <sub>78</sub> H <sub>111</sub> N <sub>21</sub> O <sub>19</sub>
<b>Sequence</b>	Ac-Ser-Tyr-Ser-Nle-Glu-His-D-Phe-Arg-Trp-Gly-Lys-Pro-Val-NH <sub>2</sub>
<b>Purity</b>	>98%

Melanotan 1 is a synthetic analog of the naturally occurring peptide hormone alpha-melanocyte stimulating hormone ( $\alpha$ -MSH) that has been shown to induce skin tanning through melanogenesis and reduce sun (UV) damage in preliminary studies and clinical trials.

Related Items

Catalog#	ProdDescription
PP-1510	Melanotan I, Acetate
PP-1520	Melanotan II, MT-II, Acetate
SP-51772-5	[Mle <sup>4</sup> , D-Phe <sup>7</sup> ] MSH NDP- MSH Melanotan I [Ac-Ser-Try-Ser-Mle-Glu-His-D-Phe-Arg-Trp-Gly-Lys-Pro-Val-NH <sub>2</sub> ; MW 1646.9]
SP-52189-5	Melanotan II, MT-II, Acetate [Ac-Nle-Asp-His-D-Phe-Arg-Trp-Lys-NH <sub>2</sub> (Lactam bridge Asp <sup>2</sup> -Lys <sup>7</sup> ); MW 124.2]
PP-1510	rev 111018A