Melanotan II

What is Melanotan II?

Melanotan II (MT2) is a stimulating peptide which induces skin tanning. Melanocyte Stimulating Hormones (MSH) are a class of peptide hormones produced in the intermediate lobe of the pituitary gland that stimulate pigment cells (melanocytes) in the skin and hair to produce and release melanin which leads to darker skin and hair. Melanotan II increases melanin production via stimulation of skin pigment cells called melanocytes.

What is Melanin?

Melanin is the pigment that is responsible for our beautiful variety of skin tones and shades, eye colors, and hair colors. Not only does melanin provide pigmentation for human skin, hair, and eyes, it also provides protection against the harmful effects of ultraviolet (UV) rays.

Low levels of melanin mean that the skin is highly susceptible to DNA damage with excess sun exposure. This lack of melanin and its protection against UV radiation means that those individuals with fair skin have a propensity to burn and risk more DNA damage. It also means that a lot of time is invested in their ability to develop a tan safely without burning.

Receiving an adequate supply of vitamin D from the sun without being at risk of developing melanoma is somewhat of a balancing act. Studies have already discovered that staying out of the sun to prevent melanoma can cause vitamin D deficiency.

Why would I want to use Melanotan II?

- Darker tan with less exposure to UV radiation
- Tanning without sunburn, even for fair-skinned individuals
- Possible reduction in the risk of Melanoma (skin cancer)
- Possible reduction in the incidence of sun-damaged skin
- Possible reduction in body fat
- No sunburn, no tan lines
- No sunless tanning streaks or fake tan removal
- Possible increase libido

Indications:

- Dark tan without UV radiation
- Increase libido
- Decrease appetite

