Enhanced Melanoma Cancer Prevention by Novel Melanotropins

Title: Enhanced Melanoma Cancer Prevention by Novel Melanotropins

Invention: The invention describes a method to stimulate natural production of melanin in the body. This stimulation is provided by a selective gamma-melanocyte stimulating hormone derivative, which incites the increase in melanin in the body. A natural increase confers photo protective properties without the need for UV activation, making it a safe compound.

Background: Existing sun protection is usually topical and must be applied directly to the skin to protect that area from the harm of ultraviolet rays. The market has adopted a variety of topical sun screens because oral compounds are not commonly selected and are prone to side effects, therefore explaining their reservation for skin cancer and skin disease treatment. This technology addresses the issues related to oral compound and provides a safer and more effective alternative.

Applications:
- Sun protection for the prevention of skin disease and skin cancer
- Potential as treatment option for individuals already suffering from skin disease

Advantages:
- Highly selective
- Reduces side effects as a result of its use
- Stimulates the natural production of melanin in the body
- Affects the entire body instead of selected topical areas

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