



# Neurocosmetics


**New Frontiers In Cosmetic Ingredients**






# **Neurocosmetics - Eudermic Action**

**Ingredients that invoke a feeling of wellbeing when applied to the skin**






# Neurocosmetics - Mode Of Action

- **Neurocosmetics interact with nerve endings modulating neurotransmitter release**
  - **Agonist/Antagonists of neuropeptide receptors or neurotransmitter effects modulators**
- 



# Neurocosmetic Effects

- **Soothing**
  - **Calming - Reduced Inflammation**
  - **Reduced Skin Stress**
  - **Enhanced Radiance**
  - **Wrinkle Reduction**
  - **Enhanced Smoothness**
- 



# Neurocosmetic Ingredients

- **Biomimetic Peptides**
- **Neurotoxins (Botox)**
- **Plant Extracts**


**It is important to note that the effect of Neurocosmetics is localized on the skin and is not systemic**





# Neurophroline (Givaudan)


*Water, Propanediol, Tephrosia Purpurea Seed Extract*

- **Reduces skin stress**
  - **Inhibits cortisol production by keratinocytes**
  - **Stimulates B-Endorphin production by skin cells**
- 



# **Serenebiome (Solabia)**

*Propanediol (and) Glycolipids*

- **Biotech-derived Flocculosin**
  - **Selectively inhibits S. Aureus**
  - **Reduces IL-8 pro-inflammatory cytokines and ROS**
  - **Stimulates B-endorphin, oxytocin & GABA**
- 



# TiMood (Mibelle AG Biochemistry)

*Zanthoxylum Alatum Fruit Extract, Glycerin, Pentylene Glycol, Water*

- **Protects skin neurons from aging**
  - **Improves keratinocyte proliferation**
  - **Stimulates dopamine release**
- 