

total natural beauty



# Tellirictin®

exceptional anti-aging, antioxidant and skin brightening activities



## Tellirictin®

derived from clove flowers using a proprietary extraction process

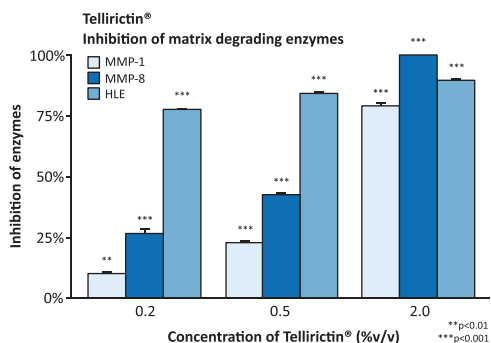
### Applications

- Anti-aging protection against oxidative and proteolytic stress (UV exposure, pollution, etc.)
- Soothing and calming for sensitive skin
- Pre- and post-sun skin care
- Skin brightening and skin tone balancing systems
- Post-shave lotions and gels to relieve irritation

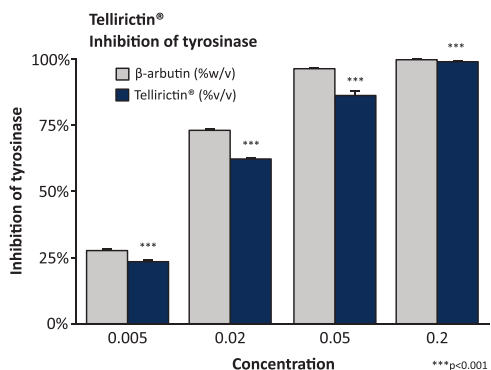
Tellirictin® is a comprehensive clove flower extract that delivers remarkable anti-aging performance. Naturally derived and biologically multifunctional, Tellirictin is one of Biocogent's Pleiotanical® ingredients. Produced via specialized extraction methods to efficiently liberate active phytochemicals (plant-derived compounds) in the form of a high-quality whole-cell extract, Tellirictin provides a complete combination of age-defying benefits.

Extensive bioassays demonstrate Tellirictin achieves measurable pleiotropic activity, that is not seen with conventional extraction processes, including strong antioxidant activity against environmental stress, inhibition of tyrosinase activity, and extracellular matrix protection via enhanced collagen expression and inhibition of proteolytic stress (elastase and MMPs). Tellirictin also modulates expression of 13 microRNAs for beneficial regulation of DNA repair, matrix protection, and anti-inflammatory pathways. Tellirictin has a broad spectrum of functionality to effectively address a wide variety of skin imbalances to achieve youthful, healthy skin.

**Tellirictin®**  
 Product ID – R10047  
 Suggested Use Level – 0.5% - 3.0%  
 Water (and) Glycerin (and) *Eugenia Coryophyllus* (Clove) Flower Extract



Tellirictin® protects the matrix by inhibiting the enzymes that degrade it, including MMP-1, MMP-8, and HLE, in skin.



Tellirictin® delivers skin brightening effects by inhibiting tyrosinase, the enzyme responsible for producing melanin pigment in skin.

