

Technical Data Sheet

(-)- α -Bisabolol

Product Information

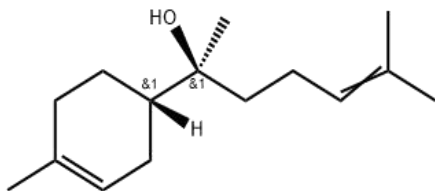
INCI: Bisabolol

CAS no.: 23089-26-1

Appearance: Colorless to yellowish viscous liquid with slight characteristic odor.

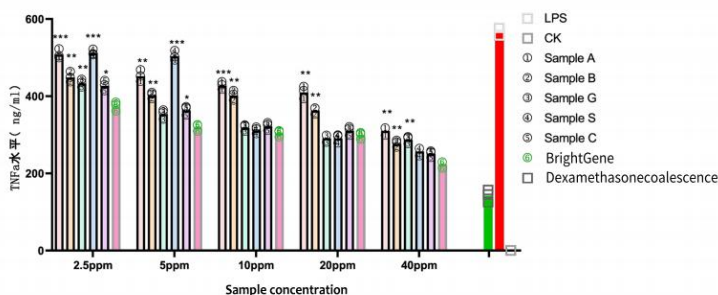
Purity: $\geq 98\%$

Chemical Structure:



In Vitro Efficacy Experiment

The secretion level of inflammatory factor TNF α in macrophage Raw264.7 cells after bisabolol treatment



α -bisabolol (BrightGene) can inhibit the secretion of inflammatory factor TNF α in mouse macrophage Raw264.7. When the concentration is as low as 2.5ppm, the inhibition rate can reach 34%; the inhibition rate increases with the increase of the concentration, and the inhibition rate can reach 60% at 40ppm.

In most concentration (except 20 ppm), the inhibitory effect of α -bisabolol (BrightGene) on TNF α secretion is higher than that of other sources at the same concentration.

Function

Anti-inflammatory & anti-bacterial:

Natural bisabolol has good stability and good compatibility with the skin. It can reduce skin inflammation, alleviate skin acne, prevent the occurrence of acne, improve the skin's ability to resist irritation, repair inflammatory and injured skin, and increase the SPF value in sunscreen products.

Soothing and anti-allergic

It has skin care effects on allergic skin or children's skin care. It has skin care effects for allergic skin or children's skin care. It can protect the skin from daily tension and accelerate the skin healing process.

Whitening

A certain concentration of bisabolol has a consistent effect on the tyrosinase activity of B16-F1 cells and can block the melanin formation pathway.

Use

Soothing Creams; Anti-Aging Creams; Eye Creams; Moisturizers; Cleansers; After-Sun Care Products; Shampoos and Conditioners; Aftershave Balms; Lip Balms; Acne Treatments; Facial Masks; Body Lotions

Packing & Storage

Standard packaging: 1g;10kg;25kg/packaging.

Shelf life: 24 months

Storage conditions: Sealed and protected from light, stored at room temperature.

Recommended Dosage

0.1-0.5%

Contact information

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