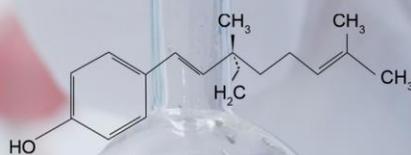


# BAKUCHIOL



## PRODUCT IN FOCUS



## Bakuchiol

### INTRODUCTION

Bakuchiol is a meroterpene in the class terpenophenol. It is a natural, vegan plant-derived alternative to retinol, which is vitamin A based element that supports skin cell turnover and collagen production for more supple and radiant skin. Bakuchiol has very similar traits, but it is gentle on the skin without any drawbacks like redness and irritation.

### Manufacture

It is isolated from *Psoralea corylifolia* seed and was called Bakuchiol based on the Sanskrit name of the plant, Bakuchi.

#### Synonyms

4-(3-Ethenyl-3,7-dimethyl-1,6-octadienyl)-phenol

#### CAS no.

10309-37-2

#### EINECS no.

685-515-4

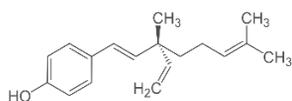
#### Molecular formula

C<sub>18</sub>H<sub>24</sub>O

#### Molecular weight

256.38

#### Structure

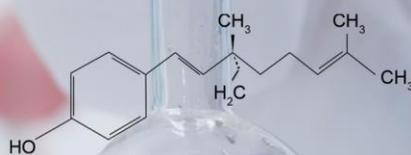


### APPLICATIONS

Bakuchiol is known for its Antibacterial, Antioxidant, Anti-inflammatory and Antiaging activity on skin. It can be used in skin care products like serums, creams, lotions, cleansers.

- ✔ **Evens skin tone:** Bakuchiol deeply penetrates the skin to help lessen the appearance of dark spots or areas of hyperpigmentation.
- ✔ **Reduces the appearance of fine lines:** Like retinol, bakuchiol tells your cells to regenerate and make collagen, "plumping" your skin and reducing the look of lines and wrinkles.
- ✔ **Doesn't cause dryness or irritation:** While retinol and other skincare ingredients may dry out skin or cause irritation, bakuchiol is more gentle and isn't known to cause any irritation.
- ✔ **Speeds up skin cell regeneration:** Bakuchiol sends signals to your cells that it's time to amp up collagen production and cell turnover.
- ✔ **Suitable for all skin types:** Being gentle on skin, most anyone can use bakuchiol.
- ✔ **Helps soothe and heal skin:** By promoting cell turnover and healthy cell regeneration, Bakuchiol may help soothe and heal your skin from the inside out.

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### SPECIFICATIONS

Test	Unit	Specification
Appearance	-	Viscous liquid
Color	-	Yellow to light brown
Odor	-	Conform to standard
Identification IR	-	Conform to standard
Water content	%	NMT 1.0
Sulfated ashes	%	NMT 0.1
HPLC Purity	%	Min 99.0
Impurities:		
• Psorelin (HPLC)	%	NMT 0.01
• Isopsorelin (HPLC)	%	NMT 0.01
Microbial count:		
• Total aerobic bacteria plate count	cfu/g	NMT 100
• Mold and Yeast count	cfu/g	NMT 100
• Pathogens by Enrichment method	cfu/g	Absent in 1 gm

### PACKING

Export worthy.

### STORAGE

Store in original container, protected from light and heat.

### REACH Status

Not applicable.

No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice! If you need any additional information or SDS, please contact us.