

Bakuchiol, Antioxidant; Antiinflammatory

Catalog	Unit
TBI3161-5MG	5 mg
TBI3161-25MG	25 mg

Product Details

Formal Name: (S)-Bakuchiol, 4-[(1E,3S)-3-Ethenyl-3,7-dimethyl-1,6-octadien-1-yl]phenol

Molecular Formula: C₁₇H₂₂O₂

Formula Weight: 258.42

CAS Number: 10309-37-2

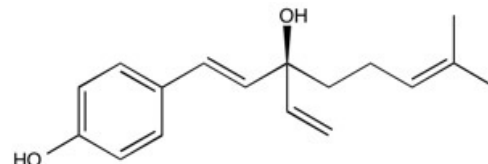
Purity: >98%

Formulation: oil

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 20 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

Antioxidant; Antiinflammatory

Functions

Natural terpenoid antioxidant. Inhibits oxidative stress-induced decrease in mitochondrial membrane potential and associated release of pro-apoptotic factors. Protects against acute lung injury. Displays neuroprotective and anti-inflammatory effects.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml) or in Ethanol (up to 20 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.