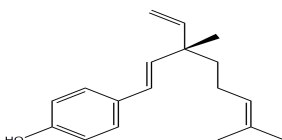


Product: Bakuchiol**ALTERNATE NAME:** 4-(3-Ethenyl-3,7-dimethyl-1,6-octadienyl)phenol**CATALOG #:** 2494-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₈H₂₄O**MOLECULAR WEIGHT:** 256.38**CAS No.** 10309-37-2**APPEARANCE:** Yellow to brownish oil**SOLUBILITY:** DMSO or EtOH**PURITY:** >98%**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Isolated from plant *Psoralea corylifolia*. Acts as an inhibitor of protein tyrosine phosphatase 1B (PTB1B (IC₅₀ = 20.8±1.9 μM). Antioxidant and an inhibitor of mitochondrial lipid peroxidation. Also inhibits inducible nitric oxide synthase (iNOS; NOS II) expression. DNA polymerase inhibitor. Shows antimicrobial and cytotoxic activity.**REFERENCES:** Kim, Y.C., *et al.* (2005). *Planta Med.* **71**, 87-89; Adhikari, S., *et al.* (2003). *Chem. Res. Toxicol.* **16**, 1062-1069.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

1400W hydrochloride (Cat. No. 2055-5, 25)

BEC (Cat. No. 2359-1, 5)

bpV(phen) (Cat. No. 1793-5)

bpV(pic) (Cat. No. 1794-5)

Calyculin A (Cat. No. 1562-025)

EZBlock™ Phosphatase Inhibitor Cocktail I (Cat. No. K273-1ML, 1EA)

EZBlock™ Phosphatase Inhibitor Cocktail II (Cat. No. K275-1ML, 1EA)

EZBlock™ Phosphatase Inhibitor Cocktail III (Cat. No. K276-1ML, 1EA)

Microcystin-LR (Cat. No. 1840-100, 500)

L-NAME hydrochloride (Cat. No. 2356-100, 500, 1000)

L-NMMA acetate (Cat. No. 2348-5, 25, 100)

Nitric Oxide Colorimetric Assay Kit (Cat. No. K262-200)

Nitric Oxide Fluorometric Assay Kit (Cat. No. K252-20)

7-Nitroindazole (Cat. No. 2360-50, 250)

ODQ (Cat. No. 2501-10, 50)

Okadaic Acid (Cat. No. 1543-025)

Okadaic Acid, Ammonium Salt (Cat. No. 1766-025)

Okadaic Acid, Potassium Salt (Cat. No. 1765-025)

Okadaic Acid, Sodium Salt (Cat. No. 1764-025)

VO-OHpic (Cat. No. 1801-5, 25)

FOR RESEARCH USE ONLY! Not to be used in humans.