

Catalog	Unit
TBI2593-10MG	10 mg
TBI2593-50MG	50 mg

Product Details

Formal Name: 7-[[[(2E)-3,7-dimethyl-2,6-octadien-1-yl]oxy]-2H-1-benzopyran-2-one

Alternate Names: 7-Geranyloxy coumarin

Molecular Formula: C₁₉H₂₂O₃

Formula Weight: 298.36

CAS Number: 495-02-3

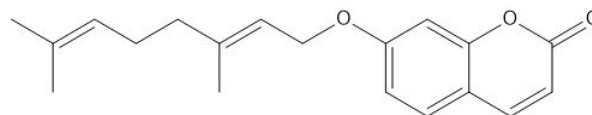
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 40 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Neuroprotective / Neuritogenic agent

Functions

A bioactive terpenoid occurring in a variety of citrus fruits and possessing therapeutic potential. Displays neuritogenic activity and neuroprotective effects via suppression of inflammation and induction of GDNF and BDNF in neuronal cells. Attenuates ROS production and enhances mitochondrial respiration which mitigates Parkinson's disease-like behavior. Displays hepatoprotective and chemopreventive activity.

Application Procedures

First dissolved in DMSO (up to 40 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.