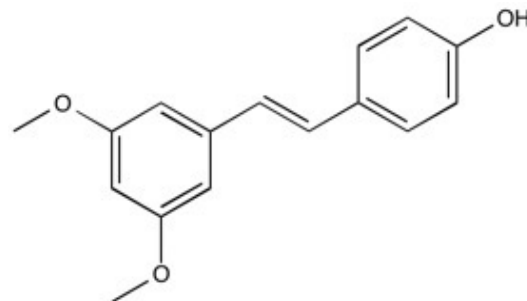

Catalog	Unit
TBI2367-50MG	50 mg
TBI2367-250MG	250 mg

Product Details

Formal Name: 3,5-Dimethoxy-4'-hydroxystilbene
Alternate Names: 4-[(1E)-2-(3,5-Dimethoxyphenyl)ethyl]phenol
Molecular Formula: C₁₆H₁₆O₃
Formula Weight: 256.28
CAS Number: 537-42-8
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 100 mg/ml) or in Ethanol (up to 50 mg/ml).
Storage: -20°C
Stability: ≥ 2 years.



Applications

Resveratrol analog; anticancer activity

Functions

A naturally occurring stilbenoid related to resveratrol. Displays antiproliferative activity. Induces accumulation of autophagic vacuoles followed by cell death in HL60 cells. Displays protective effects against free radical-mediated oxidative damage. Produces anti-inflammatory effects by down-regulating the activity of TNF α . Activates AMPK.

Application Procedures

First dissolved in DMSO (up to 100 mg/ml) or in Ethanol (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 1 week.

For research use only.