

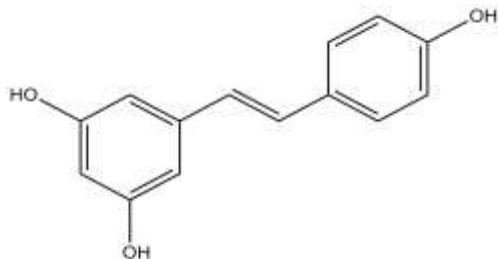
## Resveratrol

**ALTERNATE NAME:** 3,4',5-Trihydroxy-*trans*-stilbene, 5-[(1E)-2-(4-Hydroxyphenyl)ethenyl]-1,3-benzenediol

**CATALOG #:** 1758-100, 500

**AMOUNT:** 100 mg, 500 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>

**MOLECULAR WEIGHT:** 228.24

**CAS NUMBER:** 501-36-0

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO (50 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20 °C

**DESCRIPTION:** A phytoalexin found in the skin of red grapes and as a constituent in red wine. Displays anti-inflammatory, and anti-tumor properties. Acts as an antioxidant and specific inhibitor of cyclooxygenase-1 (COX-1). Resveratrol activates Sirtuin (SIRT1) gene, a gene that may be associated with cellular longevity and ability to slow down the aging process.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

- Cambinol (**Cat. No. 1653-10**)
- SIRT1 Inhibitor, EX-527 (**Cat. No. 1652-10**)
- SIRT2 Inhibitor, AGK2 (**Cat. No. 1651-10**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**