

## Resveratrol

Cat. No. CEI-0453

Lot. No. (See product label)

### Introduction

**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. Also known to inhibit Stat3 acetylation.

### Product Information

**Appearance** Pale yellow solid

**CAS No.** 501-36-0

**Molecular Formula**  $C_{14}H_{12}O_3$

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

**Molecular Weight** 419.39

**Purity** >98% by HPLC

**Targets** PTGS1

**Solubility** DMSO (35 mg/ml)

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack