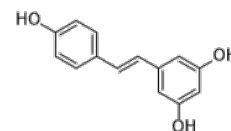


**Product Name** : Resveratrol  
**Cat. No.** : PC-23527  
**CAS No.** : 501-36-0  
**Molecular Formula** : C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>  
**Molecular Weight** : 228.25  
**Target** : Sirtuin  
**Solubility** : 10 mM in DMSO



## Biological Activity

Resveratrol (trans-Resveratrol, SRT501) is a specific SIRT1 and Nrf2 activator, possesses anti-oxidant, anti-inflammatory, cardioprotective, and anti-cancer properties, targets including mTOR, JAK,  $\beta$ -amyloid, Adenylyl cyclase, IKK $\beta$ , DNA polymerase, also inhibits NQO2 (NRH: quinone oxidoreductase).

## References

- Pirola L, et al. IUBMB Life. 2008 May;60(5):323-32.  
Lee MH, et al. Cancer Res. 2009 Sep 15;69(18):7449-58.  
Eun Nim Kim, et al. Aging (Albany NY). 2018 Jan; 10(1): 83-99.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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