

Datasheet for ABIN7233279

Resveratrol**1** Image[Go to Product page](#)

Overview

Quantity: 100 mg

Application: Activation (Act)

Product Details

Purpose: Antioxidant, SIRT1 activator

Characteristics: Naturally occurring phenolic antioxidant. Displays antitumor and antiplatelet effects. Activates SIRT1 and increases longevity in yeast. Ameliorates ageing-related phenotypes by inhibition of cAMP phosphodiesterases. Stimulates increased expression of transthyretin which binds A β peptide and prevents its aggregation and toxicity. Attenuates A β -induced neurotoxicity by induction of autophagy. Rescues SIRT1-dependent adult stem cell decline.

Purity: >98 %

Chemical Name: 3,4',5-Trihydroxy-trans-stilbene

Formula: C₁₄H₁₂O₃

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 20 mg/ml).

Target Details

Background: 5-[(1E)-2-(4-Hydroxyphenyl)ethenyl]-1,3-benzenediol, Cell cycle, Epigenetics, Coagulation, Apoptosis inhibitor, Apoptosis inducer, Protein deacetylase, Antioxidant, Stem cells, Cell death, Immunology, Diabetes, Cancer, Neurodegeneration, Inflammation, Redox, Ageing, Chromatin

Molecular Weight: 228.3

CAS-No: 501-36-0

Application Details

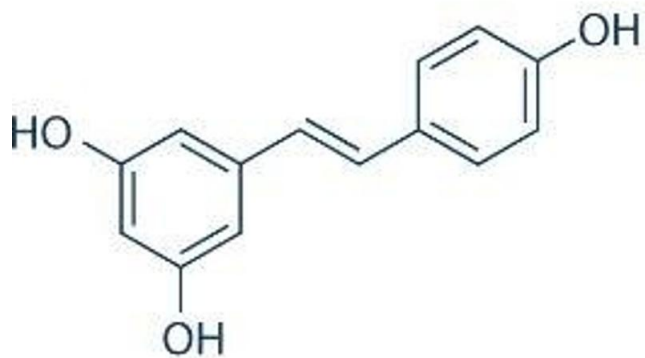
Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images



Molecule

Image 1. /