# Resveratrol(C14H12O3)

**Cat. No.** Resveratrol-152 **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Resveratrol(C14H12O3), CAS: 501-36-0. |
| **ProteinLength** | 501-36 a.a. |
| **Description** | Resveratrol is a phenolic phytoalexin found in grape skin and other plants. It has intracellular antioxidant activity and activates SIRT1, a NAD+-dependent histone deacetylase involved in mitochondrial biogenesis and the enhancement of peroxisome proliferator-γ-activated receptor coactivator-1α (PGC-1α) and FOXO activity. The anti-diabetic, neuroprotective and anti-adipogenic actions of resveratrol may be mediated via SIRT1 activation. |
| **Form** | White to Off-White powder |
| **Molecular Mass** | 228.24 |
| **Purity** | ≥99% (HPLC) |
| **Applications** | selective COX-1 inhibitors |
| **Storage** | Store at −20 centigrade |
| **Reconstitution** | Soluble in ethanol, DMSO, and acetone. Only very slightly soluble in water (3 mg/100 mL). |

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