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# DATASHEET Resveratrol

#### **Product overview**

Name	Resveratrol
Cat No	HB4055
Purity	>98%
Description	Potent phenolic antioxidant with many biological actions. COX-1 inhibitor.

## **Biological Data**

Biological description	Potent phenolic antioxidant found in grapes and red wine. COX-1 inhibitor, potent SIRT1 activator and
	Hh signaling modulator. Has many biological actions such as cardioprotective, anti-inflammatory,
	antiplatelet aggregation, anticancer, anti-proliferative and neuroprotecitve activities. Additionally
	induces apoptosis and autophagy.

## **Solubility & Handling**

+4°C Storage instructions Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

#### **Chemical Data**

**Chemical name Molecular Weight Chemical structure** 

Molecular Formula **CAS Number PubChem identifier** SMILES InChiKey Appearance

trans-3,4',5-Trihydroxystilbene 228.2

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 $C_{14}H_{12}O_3$ 501-36-0 445154 OC1=CC=C(C=C1)C=CC(O)=CC(O)=C1LUKBXSAWLPMMSZ-OWOJBTEDSA-N Off-white to greyish powder