



LKT Laboratories, Inc.

Resveratrol

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Product Information

Product ID R1776

CAS No. 501-36-0

Chemical Name 1,3-Benzenediol, 5-(2-(4-hydroxyphenyl)ethenyl)-, (E)-

Synonym 3,4',5-Stilbenetrio, 3,4',5-Trihydroxystilbene

Formula C₁₄H₁₂O₃

Formula Wt. 228.24

Melting Point 254°C

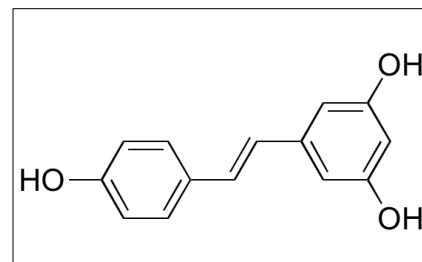
Purity ≥99%

Solubility Soluble in DMSO and ethanol.

Store Temp -20°C

Ship Temp Ambient

Description Resveratrol and its metabolites are phenolic phytoalexins found in several plants such as soybeans, peanuts, blueberries, mulberries, and grapes. Resveratrol is most well known for its antioxidative effects and activation of SIRT1, both contributing to its cardioprotective, anticancer chemotherapeutic, chemopreventive, anti-aging, anti-inflammatory, and antiviral activities; it also acts as a phytoestrogen. Resveratrol reversibly inhibits MAO as well as synaptosomal 5-HT and NE uptake, indicating potential antidepressant activity. This compound also shows benefit in in vitro and in vivo models of Alzheimer's disease, degrading amyloid-β (Aβ) plaques, increasing brain cysteine levels, and decreasing brain glutathione levels; these effects may be dependent on resveratrol's activation of AMPK and/or proteasomes.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
R1776	100 mg	\$52.50
R1776	500 mg	\$168.20
R1776	1 g	\$288.40
R1776	5 g	\$865.20

References Mohar DS, Malik S. The Sirtuin System: The Holy Grail of Resveratrol? J Clin Exp Cardiol. 2012 Nov;3(11). 216. PMID: 23560248.

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Caution: This product is intended for laboratory and research use only. It is not for human or drug use.