

Resveratrol-13C6

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Resveratrol-13C6 is a carbon-13 labeled form of Resveratrol. Resveratrol (T1558) (trans-Resveratrol; SRT501) is a natural polyphenol known for its antioxidant, anti-inflammatory, cardioprotective, and anticancer properties. It targets a variety of proteins, including mTOR, JAK, β -amyloid, Adenylyl cyclase, IKK β , and DNA polymerase, and acts as a specific activator of SIRT1. Additionally, Resveratrol (T1558) is an effective Pregnane X Receptor (PXR) inhibitor and serves as an Nrf2 activator, capable of mitigating aging-related progressive renal injury in mouse models. It also enhances nitric oxide (NO) production in endothelial cells.
Targets(IC50)	Apoptosis,Mitophagy,Nrf2,Antibacterial,Antibiotic,Autophagy,Antifungal,IkB/IKK,Sirtuin

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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