

Datasheet for ABIN7233301

Triacetylresveratrol[Go to Product page](#)

1 Image

Overview

Quantity: 50 mg

Application: Activation (Act)

Product Details

Purpose: SIRT activator, prodrug

Characteristics: A resveratrol prodrug. One method for increasing the half-life of resveratrol in vivo is acetylation of the phenolic OH groups. Deacetylation takes place in vivo or in intact cells via the action of intracellular esterases releasing active resveratrol. CWR22Rv1 cells when exposed to triacetyl resveratrol showed a G1S block concomitant with increased p53 and p21 expression. In MCF-7 cells it induced both ERK and p38 phosphorylation.

Purity: >98 %

Chemical Name: 5-[(1E)-2-[4-(Acetyloxy)phenyl]ethenyl]-1,3-benzenediol-1,3-diacetate

Formula: C₂₀H₂₈O₆

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 8 mg/ml).

Target Details

Background: 3,5,4'-Tri-O-acetylresveratrol,NFkappaB,Epigenetics,Apoptosis inducer,Hedgehog,PI3K,Protein deacetylase,Antioxidant,Cell death,Immunology,Cancer,Diabetes,Ageing,Posttranslational modification,Inflammation,Chromatin

Molecular Weight: 364.4

CAS-No: 42206-94-0

Application Details

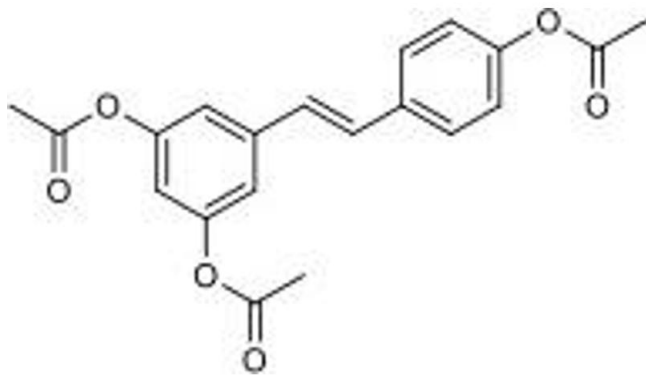
Restrictions: For Research Use only

Handling

Format: Powder

Storage: -20 °C

Images



Molecule

Image 1. /