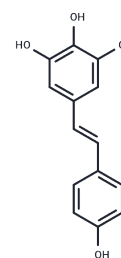


4-Hydroxyresveratrol

Chemical Properties

CAS No. :	331443-00-6
Formula:	C ₁₄ H ₁₂ O ₄
Molecular Weight:	244.243
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	4-Hydroxyresveratrol (3,4,5,4'-Tetrahydroxystibene) is a resveratrol analog that variably induces the expression of pro-apoptotic genes such as p53 and Bax. It triggers apoptosis in SV40 virus-transformed WI38 cells (WI38VA), but not in WI38 cells. Additionally, 4-Hydroxyresveratrol significantly increases the expression of p53, GADD45, and Bax genes in WI38VA cells, while suppressing the expression of the bcl-2 gene.
Targets(IC50)	Apoptosis, Bcl-2 Family, MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0943 mL	20.4717 mL	40.9433 mL
5 mM	0.8189 mL	4.0943 mL	8.1887 mL
10 mM	0.4094 mL	2.0472 mL	4.0943 mL
50 mM	0.0819 mL	0.4094 mL	0.8189 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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