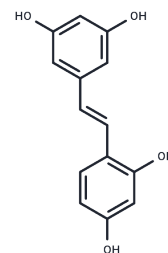


## Oxyresveratrol

## Chemical Properties

CAS No. :	29700-22-9
Formula:	C <sub>14</sub> H <sub>12</sub> O <sub>4</sub>
Molecular Weight:	244.24
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	1. Oxyresveratro can inhibit tyrosinase activity. 2. Oxyresveratro is useful to trauma models, as toxicity to glia could be beneficial by inhibiting reactive gliosis. 3. Oxyresveratrol (trans-Oxyresveratrol) has antioxidant activity, can reduce neuronal oxidative damage and protect hepatocytes against oxidative stress and mitochondrial dysfunction, which may be associated with activation of Nrf2.
Targets(IC50)	Autophagy,HSV,Tyrosinase

## Solubility Information

Solubility	DMSO: 55 mg/mL (225.19 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## 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.

## Reference

Chao J , Yu M S , Ho Y S , et al. Dietary oxyresveratrol prevents parkinsonian mimetic 6-hydroxydopamine neurotoxicity[J]. Free Radical Biology and Medicine, 2008, 45(7):1019-1026.

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