

## TPP-resveratrol

## Chemical Properties

CAS No. :

Formula: C<sub>36</sub>H<sub>32</sub>BrO<sub>4</sub>P

Molecular Weight: 639.51

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	TPP-resveratrol is a conjugate of Resveratrol and triphenylphosphine (TPP), noted for its anticancer activity. This compound enhances the efficacy of Resveratrol by facilitating its targeted delivery to mitochondria, thus inducing mitochondrial-mediated cell apoptosis (apoptosis).
Targets(IC50)	Apoptosis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5637 mL	7.8185 mL	15.637 mL
5 mM	0.3127 mL	1.5637 mL	3.1274 mL
10 mM	0.1564 mL	0.7818 mL	1.5637 mL
50 mM	0.0313 mL	0.1564 mL	0.3127 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.

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