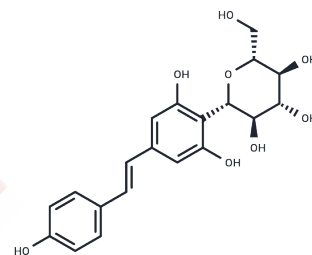


Resveratrol 12-C- $\beta$ -glucopyranoside

## Chemical Properties

CAS No. :	163527-00-2
Formula:	C <sub>20</sub> H <sub>22</sub> O <sub>8</sub>
Molecular Weight:	390.39
Storage:	Keep away from direct sunlight, Keep away from moisture 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	Resveratrol 12-C- $\beta$ -glucopyranoside is a natural product exhibiting antioxidant activity against DPPH (IC <sub>50</sub> =70.47 mg/L).
Targets(IC <sub>50</sub> )	Antioxidant

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5615 mL	12.8077 mL	25.6154 mL
5 mM	0.5123 mL	2.5615 mL	5.1231 mL
10 mM	0.2562 mL	1.2808 mL	2.5615 mL
50 mM	0.0512 mL	0.2562 mL	0.5123 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.

## Reference

In silico, in vitro antioxidant and density functional theory based structure activity relationship studies of plant polyphenolics as prominent natural antioxidants. Arabian Journal of Chemistry. 13(2):3690-3701. doi:10.1016/j.arabjc.2019.12.017

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481