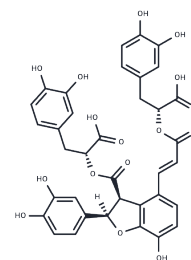


Salvianolic acid Y

Chemical Properties

CAS No. :	1638738-76-7
Formula:	C ₃₆ H ₃₀ O ₁₆
Molecular Weight:	718.61
Storage:	Store at low temperature 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	Salvianolic acid Y, isolated from <i>Salvia officinalis</i> , is a protector of PC12 cells against hydrogen peroxide-induced injury from <i>Salvia officinalis</i> .
Targets(IC50)	Others, Reactive Oxygen Species, ROS
In vitro	In rat pheochromocytoma line PC12, Salvianolic acid Y protects cells from injury by 54.2%, which was significantly higher than salvianolic acid B (35.2%)[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3916 mL	6.9579 mL	13.9158 mL
5 mM	0.2783 mL	1.3916 mL	2.7832 mL
10 mM	0.1392 mL	0.6958 mL	1.3916 mL
50 mM	0.0278 mL	0.1392 mL	0.2783 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

Gong J, et al. Salvianolic acid Y: a new protector of PC12 cells against hydrogen peroxide-induced injury from *Salvia officinalis*. *Molecules*. 2015 Jan 6;20(1):683-92.

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