

## Araloside C

## Chemical Properties

CAS No. : 55446-15-6

Formula: C53H84O23

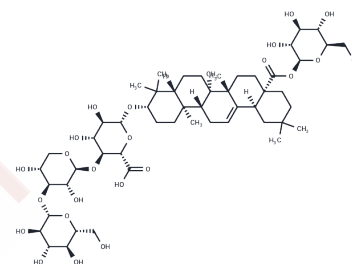
Molecular Weight: 1089.23

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	Araloside C is a natural product capable of upregulating Hsp90 expression in H9c2 cardiomyocytes, providing protective effects against myocardial ischaemia/reperfusion (I/R) injury.
Targets(IC50)	HSP
In vitro	Araloside C (0.5-2.5 $\mu$ M) concentration-dependently improved the functional recovery of I/R hearts, including the restoration of left ventricular diastolic pressure (LVDP), $\pm$ dP/dtmax, and heart rate [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9181 mL	4.5904 mL	9.1808 mL
5 mM	0.1836 mL	0.9181 mL	1.8362 mL
10 mM	0.0918 mL	0.459 mL	0.9181 mL
50 mM	0.0184 mL	0.0918 mL	0.1836 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

Min Wang, et al. Protective effects of Araloside C against myocardial ischaemia/reperfusion injury: potential involvement of heat shock protein 90. J Cell Mol Med. 2017 Sep;21(9):1870-1880.

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