

Product Data Sheet

Product Name: Araloside C

Cat. No.: GC62847

Chemical Properties

Cas. No. 55446-15-6

Formula $C_{53}H_{84}O_{23}$

M.Wt 1089.22

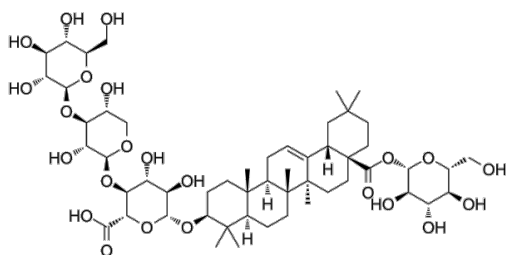
Solubility

Storage

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Araloside C exhibits protective effects against myocardial ischaemia/reperfusion injury[1].

Araloside C also up-regulates the expression levels of Hsp90 and improved cell viability in hypoxia/reoxygenation-treated H9c2 cardiomyocytes, whereas the addition of 17-AAG, a pharmacologic inhibitor of Hsp90, attenuates Araloside C-induced cardioprotective effect[1]. Araloside C (0.5-2.5 μ M) concentration-dependently improves the functional recovery of the I/R hearts,

Caution: Product has not been fully validated for medical applications. For research use only.

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including increase in the recovery of LVDP, dP/dtmax and heart rate throughout the reperfusion period, although the baseline mechanical parameters with Araloside C were not significantly different compared with those of the control condition[1]. Araloside C could improve post-ischaemic cell shortening and Ca²⁺ transients from 2 to 8 μ M[1].

[1]. 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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