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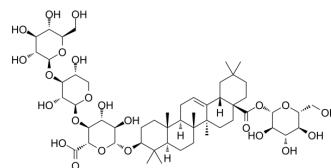
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Araloside C

Cat. No.:	HY-N6634
CAS No.:	55446-15-6
Molecular Formula:	C ₅₃ H ₈₄ O ₂₃
Molecular Weight:	1089.22
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Araloside C exhibits protective effects against myocardial ischaemia/reperfusion injury ^[1] .
In Vitro	<p>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].</p> <p>Araloside C (0.5-2.5 μM) concentration-dependently improves the functional recovery of the I/R hearts, 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].</p> <p>Araloside C could improve post-ischaemic cell shortening and Ca²⁺ transients from 2 to 8 μM^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[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.

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

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