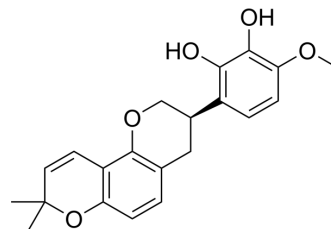


3'-Hydroxy-4'-O-methylglabridin

Cat. No.:	HY-142098
CAS No.:	175554-11-7
Molecular Formula:	C ₂₁ H ₂₂ O ₅
Molecular Weight:	354.4
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	3'-Hydroxy-4'-O-methylglabridin is an antioxidant that is effective at preventing NADH-dependent peroxidation ^[1] .
In Vitro	3'-Hydroxy-4'-O-methylglabridin inhibits NADH-dependent rat-liver mitochondrial lipid peroxidation with an IC ₅₀ of 0.1 μM [1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Haraguchi H, et al. Protection of mitochondrial functions against oxidative stresses by isoflavans from Glycyrrhiza glabra. J Pharm Pharmacol. 2000 Feb;52(2):219-23.

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

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