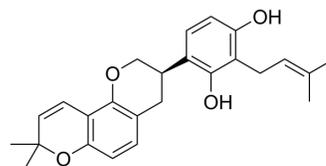


## Hispaglabridin A

Cat. No.:	HY-142099
CAS No.:	68978-03-0
Molecular Formula:	C <sub>25</sub> H <sub>28</sub> O <sub>4</sub>
Molecular Weight:	392.49
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	Hispaglabridin A is an antioxidant that is effective at inhibiting lipid peroxidation <sup>[1]</sup> .
In Vitro	Hispaglabridin A inhibits NADH-dependent rat-liver mitochondrial lipid peroxidation with an IC <sub>50</sub> of 4.9 μM and inhibits L-Ascorbic acid (HY-B0166)-induced peroxidation with an IC <sub>50</sub> of 1.7 μM <sup>[1]</sup> . 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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