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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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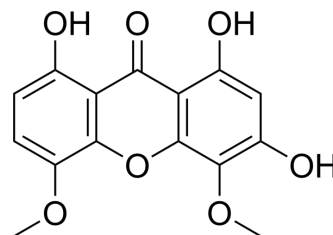
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Corymbiferin

Cat. No.:	HY-N9363
CAS No.:	5042-09-1
Molecular Formula:	C ₁₅ H ₁₂ O ₇
Molecular Weight:	304.25
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Corymbiferin is one of active constituents, responsible for anti-diabetic properties. Corymbiferin improves antioxidant capacity and carbohydrate metabolism in diabetic rats, along with the improvement of histopathology of livers and pancreatic β cells ^[1] .
In Vivo	<p>The treatment with Corymbiferin (40 mg/kg; p.o.; male Wistar rats,) reduces the FBG level significantly, similar to the effect of positive metformin on the diabetic rats^[1].</p> <p>Corymbiferin (400 mg/kg; p.o.) also significantly reduces the blood glucose and shows a similar effect to metformin on oral glucose tolerance test (OGTT)^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

[1]. Liu Z, et al. Hypoglycemic Activity and Antioxidative Stress of Extracts and Corymbiferin from Swertia bimaculata In Vitro and In Vivo. Evid Based Complement Alternat Med. 2013;2013:125416.

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

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