



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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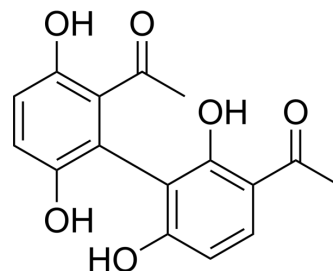
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Cynandione A

Cat. No.:	HY-N8249
CAS No.:	168706-29-4
Molecular Formula:	C ₁₆ H ₁₄ O ₆
Molecular Weight:	302.28
Target:	nAChR; Interleukin Related
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cynandione A is an acetophenone that can be isolated from *Cynanchum Wilfordii* Radix. Cynandione A protects hepatocytes and cortical neurons from toxicity and improves neurological deficits in a rat model of cerebral ischemia. On the other hand, cynandione A has significant anti-inflammatory effects and inhibits inflammation by activating macrophage $\alpha 7$ nAChR and IL-10 expression^[1].

REFERENCES

[1]. Han Q Q, et al. Cynandione A and PHA-543613 inhibit inflammation and stimulate macrophageal IL-10 expression following $\alpha 7$ nAChR activation[J]. *Biochemical Pharmacology*, 2021, 190: 114600.

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

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