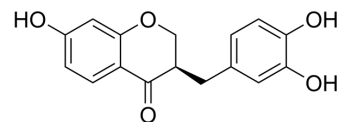


Deoxysappanone B

Cat. No.:	HY-N1818
CAS No.:	113122-54-6
Molecular Formula:	C ₁₆ H ₁₄ O ₅
Molecular Weight:	286.28
Target:	p38 MAPK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Deoxysappanone B (3-Deoxysappanone B) is a homoisoflavone compound isolated from *Caesalpinia sappan* L (Lignum Sappan). Deoxysappanone B has anti-neuroinflammatory and neuroprotective effects and inhibits the production of neuroinflammatory mediators by blocking the IκB kinase (IKK)-NF-κB and p38/ERK MAPK pathways. Deoxysappanone B can be used in disease studies of neuritis and inflammation-related neurological damage^[1].

REFERENCES

[1]. Ke-Wu Zeng, et al. Deoxysappanone B, a homoisoflavone from the Chinese medicinal plant *Caesalpinia sappan* L., protects neurons from microglia-mediated inflammatory injuries via inhibition of IκB kinase (IKK)-NF-κB and p38/ERK MAPK pathways. *Eur J Pharmacol.* 2015 Feb 5;748:18-29.

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

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