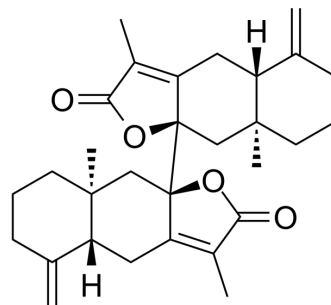


Biatractylolide

Cat. No.:	HY-N10131
CAS No.:	182426-37-5
Molecular Formula:	C ₃₀ H ₃₈ O ₄
Molecular Weight:	462.62
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Biatractylolide is a compound isolated from the ethyl acetate extract of *Atractylodes macrocephala*. Biatractylolide has antitumor and antioxidant activities. Biatractylolide improves cell viability, inhibits the apoptosis of cells induced by glutamate, and reduces the activity of LDH. Biatractylolide has neuroprotective effects^[1].

REFERENCES

[1]. Zhu L, et al. Biatractylolide Modulates PI3K-Akt-GSK3 β -Dependent Pathways to Protect against Glutamate-Induced Cell Damage in PC12 and SH-SY5Y Cells. *Evid Based Complement Alternat Med*.

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

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