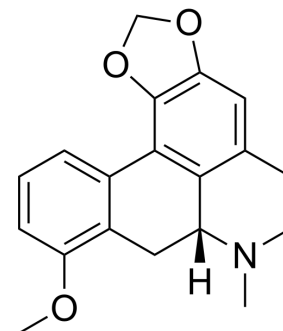


Stephanine

Cat. No.:	HY-N1219
CAS No.:	517-63-5
Molecular Formula:	C ₁₉ H ₁₉ NO ₃
Molecular Weight:	309.36
Target:	Apoptosis; Parasite
Pathway:	Apoptosis; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Stephanine ((-)-Stephanine) is an isoquinoline aporphine-type alkaloid. Stephanine induce apoptosis through the reverse of mitotic exit. Stephanine exhibits Antiplasmodial activity. Stephanine can be used for the research of stomach pain, abdominal pain, arthritis and cancer^{[1][2]}.

REFERENCES

[1]. Cui L, et, al. The anti-inflammatory and analgesic activities of 2Br-Crebanine and Stephanine from *Stephania yunnanensis* H. S.Lo. *Front Pharmacol.* 2023 Jan 4;13:1092583.

[2]. Le PM, et, al. Stephanine from *Stephania venosa* (Blume) Spreng Showed Effective Antiplasmodial and Anticancer Activities, the Latter by Inducing Apoptosis through the Reverse of Mitotic Exit. *Phytother Res.* 2017 Sep;31(9):1357-1368.

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

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