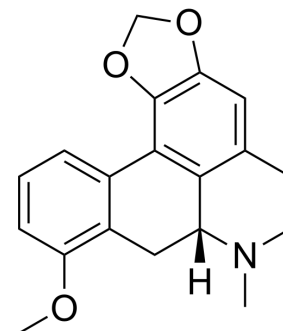


Stephanine

| | |
|--------------------|---|
| 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA