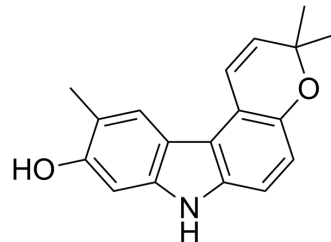


Glycoborinine

Cat. No.:	HY-N8361
CAS No.:	233279-39-5
Molecular Formula:	C ₁₈ H ₁₇ NO ₂
Molecular Weight:	279.33
Target:	HIV; Apoptosis
Pathway:	Anti-infection; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Glycoborinine, a natural carbazole alkaloid, can be isolated from *Glycosmis pentaphylla*. Glycoborinine induces HepG2 cell apoptosis through mitochondrial pathway. Glycoborinine also inhibits HIV replication in cells^{[1][2]}.

REFERENCES

- [1]. Yang H, et al. Glycoborinine induces apoptosis through mitochondrial pathway in HepG2 cells. *J Asian Nat Prod Res.* 2014 Oct;16(10):991-9.
- [2]. Yang JH, et al. Carbazole Alkaloids from *Clausena anisum-olens*: Isolation, Characterization, and Anti-HIV Evaluation. *Molecules.* 2019 Dec 26;25(1):99.

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