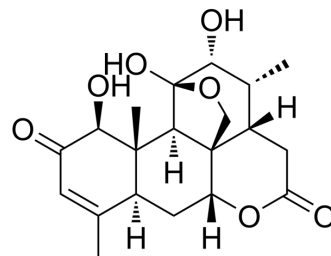


Chaparrinone

Cat. No.:	HY-N12151
CAS No.:	22611-34-3
Molecular Formula:	C ₂₀ H ₂₆ O ₇
Molecular Weight:	378.42
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Chaparrinone is a quassinoid that can be isolated from the root of *Eurycoma harmandiana*. Chaparrinone has antimalarial and cytotoxic activities against *Plasmodium falciparum* and P-388 cells (IC₅₀: 0.037 and 0.34 µg/mL respectively)^{[1][2]}.

REFERENCES

[1]. Kanchanapoom T, et al. Quassinoids from *Eurycoma harmandiana*. *Phytochemistry*. 2001 Aug;57(8):1205-8.

[2]. François G, et al. Antimalarial and cytotoxic potential of four quassinoids from *Hannoa chlorantha* and *Hannoa klaineana*, and their structure-activity relationships. *Int J Parasitol*. 1998 Apr;28(4):635-40.

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