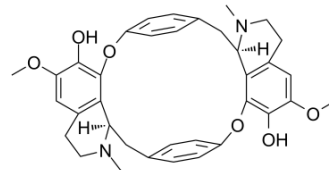


Isochondrodendrine

Cat. No.:	HY-N5017
CAS No.:	477-62-3
Molecular Formula:	C ₃₆ H ₃₈ N ₂ O ₆
Molecular Weight:	594.7
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Isochondrodendrine (Isochondrodendrin) is a class of bisbenzylisoquinoline alkaloid isolated from <i>Isolona ghesquiereina</i> . Isochondrodendrine has strong antiplasmodial activity against Plasmodium falciparum ^[1] .
IC ₅₀ & Target	Plasmodium falciparum ^[1]
In Vivo	Isochondrodendrine has strong in vitro antiplasmodial activity against the chloroquine resistant strain FMC29 of <i>Plasmodium falciparum</i> . Toxicity observed is 50 to 100 fold greater towards <i>Plasmodium falciparum</i> than cultured L6 cells ^[1] .

REFERENCES

[1]. Mambu L, et al. Spectral characterisation and antiplasmodial activity of bisbenzylisoquinolines from *Isolona ghesquiereina*. *Planta Med.* 2000 Aug;66(6):537-40.

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