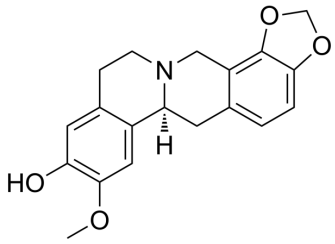
Cheilanthifoline

Cat. No.:	HY-N5109
CAS No.:	483-44-3
Molecular Formula:	$C_{19}H_{19}NO_4$
Molecular Weight:	325.36
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Cheilanthifoline, an alkaloid, is isolated from Corydalis calliantha. Cheilanthifoline exhibits antiplasmodial activities against Plasmodium falciparum, with IC_{50}s of 0.90 µg/mL and 1.22 µg/mL for wild type (TM4) and multidrug resistant (K1) strains, respectively[1].
IC_{50} & Target	Plasmodium

REFERENCES

[1]. Wangchuk P, et, al. Antiplasmodial agents from the Bhutanese medicinal plant Corydalis calliantha. Phytother Res. 2010 Apr;24(4):481-5.

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

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