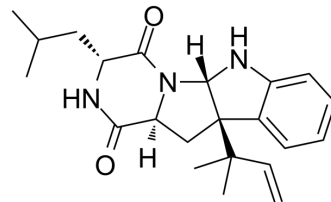


Brevicompanine B

Cat. No.:	HY-N8513
CAS No.:	215121-47-4
Molecular Formula:	C ₂₂ H ₂₉ N ₃ O ₂
Molecular Weight:	367.48
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Brevicompanine B, a diketopiperazine alkaloid, is an antiplasmodial agent. Brevicompanine B is active against the malaria parasite *Plasmodium falciparum* 3D7 IC₅₀ of 35 mg/mL^[1].

REFERENCES

[1]. Sprogøe K, et, al. Janoxepin and brevicompanine B: antiplasmodial metabolites from the fungus *Aspergillus janus*. *Tetrahedron*. Volume 61, Issue 36, 5 September 2005, Pages 8718-8721.

[2]. Du L, et, al. Diketopiperazine alkaloids from a deep ocean sediment derived fungus *Penicillium* sp. *Chem Pharm Bull (Tokyo)*.

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

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