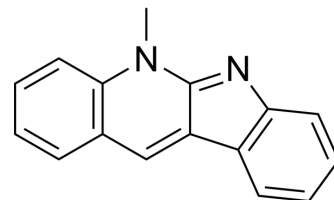


Neocryptolepine

Cat. No.:	HY-E70250
CAS No.:	114414-78-7
Molecular Formula:	C ₁₆ H ₁₂ N ₂
Molecular Weight:	232.28
Target:	Parasite; Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Neocryptolepine (Cryptotackieine) has antiplasmodial activity. Neocryptolepine also shows antibacterial activity against Gram-positive bacteria (MIC < 100 µg/mL), and antifungal activity^{[1][2]}.

REFERENCES

- [1]. Pilar M. Fresneda, et al. A divergent approach to cryptotackieine and cryptosanguinolentine alkaloids.
- [2]. Cimanga K, et al. Antibacterial and antifungal activities of neocryptolepine, biscryptolepine and cryptoquindoline, alkaloids isolated from *Cryptolepis sanguinolenta*. *Phytomedicine*. 1998 May;5(3):209-14.

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

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