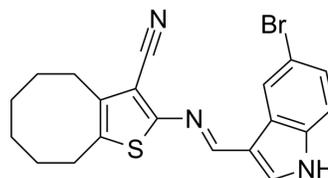


DCN-83

Cat. No.:	HY-149980
Molecular Formula:	C ₂₀ H ₁₈ BrN ₃ S
Molecular Weight:	412.35
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DCN-83, an anti-leishmania agent, is most potent against the amastigote form with an IC ₅₀ of 0.71 μM. DCN-83 has the potential to cross the blood-brain barrier and central nervous system ^[1] .
In Vitro	DCN-83 has no AMES toxicity and hepatotoxicity ^[1] . DCN-83 has a slight inhibitory effect on Macrophage J774.A1, with a CC ₅₀ value of 84.73 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Luna IS, et al. Computer-Aided drug design of new 2-amino-thiophene derivatives as anti-leishmanial agents. Eur J Med Chem. 2023 Mar 15;250:115223.

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

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