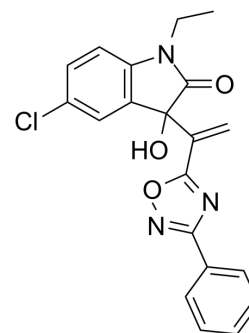


Antiparasitic agent-5

Cat. No.:	HY-146043
CAS No.:	2494276-55-8
Molecular Formula:	C ₂₀ H ₁₆ ClN ₃ O ₃
Molecular Weight:	381.81
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antiparasitic agent-5 (compound 8h) has selectively antiparasitic activity against <i>Leishmania infantum</i> (<i>L. infantum</i>) with an IC ₅₀ value of 2.50 μM. Antiparasitic agent-5 also has certain cytotoxicity against HepG2 (CC ₅₀ = 6.78 μM) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.50 μM (<i>L. infantum</i>) ^[1]

REFERENCES

[1]. Fernandes FS, et al. Discovery of highly potent and selective antiparasitic new oxadiazole and hydroxy-oxindole small molecule hybrids. *Eur J Med Chem.* 2020;201:112418.

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

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