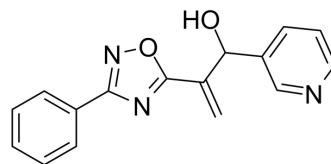


Antiparasitic agent-4

Cat. No.:	HY-146042
CAS No.:	2253996-66-4
Molecular Formula:	C ₁₆ H ₁₃ N ₃ O ₂
Molecular Weight:	279.29
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antiparasitic agent-4 (compound 4q) has highly antiparasitic activity against <i>Leishmania infantum</i> (<i>L. infantum</i>) and <i>Trypanosoma cruzi</i> (<i>T. cruzi</i>) with IC ₅₀ s of 8.51 μM and 2.20 μM, respectively. Antiparasitic agent-4 also has certain cytotoxicity against HepG2 (CC ₅₀ = 18.97 μM) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 8.51 μM (<i>L. infantum</i>), 2.20 μM (<i>T. cruzi</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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