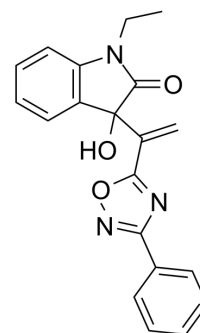


Antiparasitic agent-2

| | |
|--------------------|---|
| Cat. No.: | HY-146041 |
| CAS No.: | 2494277-80-2 |
| Molecular Formula: | C ₂₀ H ₁₇ N ₃ O ₃ |
| Molecular Weight: | 347.37 |
| Target: | Parasite |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | | |
|---------------------------|---|------------|
| Description | Antiparasitic agent-2 (compound 8a) 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 7.28 μM and 2.30 μM, respectively. Antiparasitic agent-2 also has certain cytotoxicity against HepG2 (CC ₅₀ = 26.79 μM) ^[1] . | |
| IC ₅₀ & Target | Trypanosoma | Leishmania |

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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