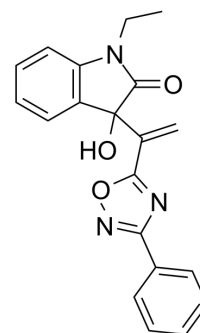


## Antiparasitic agent-2

Cat. No.:	HY-146041
CAS No.:	2494277-80-2
Molecular Formula:	C <sub>20</sub> H <sub>17</sub> N <sub>3</sub> O <sub>3</sub>
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 <sub>50</sub> s of 7.28 μM and 2.30 μM, respectively. Antiparasitic agent-2 also has certain cytotoxicity against HepG2 (CC <sub>50</sub> = 26.79 μM) <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 7.28 μM ( <i>L. infantum</i> ), 2.30 μM ( <i>T. cruzi</i> ) <sup>[1]</sup>

### 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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