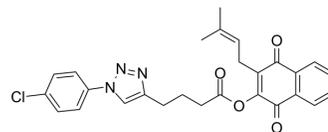


## Antileishmanial agent-11

Cat. No.:	HY-147856
CAS No.:	2253635-71-9
Molecular Formula:	C <sub>27</sub> H <sub>24</sub> ClN <sub>3</sub> O <sub>4</sub>
Molecular Weight:	489.95
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antileishmanial agent-11 (compound 4d) is a potent anti-leishmanial agent. Antileishmanial agent-11 shows antiprotozoal activity against *Leishmania braziliensis*, *Leishmania infantum*, and *T. cruzi*, with IC<sub>50</sub> values of 28.3, 24.8 and 13.0 μM, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Pertino MW, et al. Synthesis, trypanocidal and anti-leishmania activity of new triazole-lapachol and nor-lapachol hybrids. *Bioorg Chem.* 2020 Oct;103:104122.

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

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