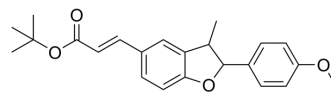


Antileishmanial agent-9

Cat. No.:	HY-147537
CAS No.:	2477608-91-4
Molecular Formula:	C ₂₃ H ₂₆ O ₄
Molecular Weight:	366.45
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antileishmanial agent-9 (compound 16c) has potent and selective activity against <i>Leishmania donovani</i> (<i>L. donovani</i>) with an IC ₅₀ value of 4.01 μM. Antileishmanial agent-9 has relatively low cytotoxicity in L-6 cells (IC ₅₀ = 40.1 μM) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 4.01 μmol/L (<i>L. donovani</i>) ^[1]

REFERENCES

[1]. Bernal FA, et al. (±)-trans-2-phenyl-2,3-dihydrobenzofurans as leishmanicidal agents: Synthesis, in vitro evaluation and SAR analysis. Eur J Med Chem. 2020;205:112493.

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

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