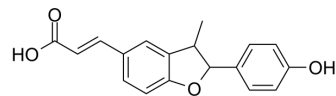


Antileishmanial agent-8

Cat. No.:	HY-147536
CAS No.:	2477608-96-9
Molecular Formula:	C ₁₈ H ₁₆ O ₄
Molecular Weight:	296.32
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antileishmanial agent-8 (compound 18) has potent and selective activity against <i>Leishmania donovani</i> (<i>L. donovani</i>) with an IC ₅₀ value of 5.64 μM. Antileishmanial agent-8 has relatively low cytotoxicity in L-6 cells (IC ₅₀ =73.9 μM) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 5.64 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA