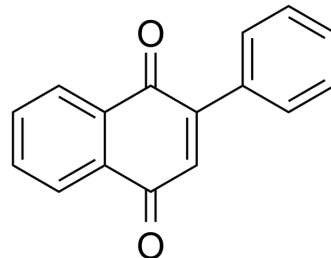


Anti-infective agent 1

Cat. No.:	HY-146487
CAS No.:	2348-77-8
Molecular Formula:	C ₁₆ H ₁₀ O ₂
Molecular Weight:	234.25
Target:	Bacterial; Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Anti-infective agent 1 (compound 3a) is a potent and selective antiprotozoal and antimycobacterial agent. Anti-infective agent 1 shows antiparasitic activity against *P. falciparum* and *T. brucei rhodesiense*, with IC₅₀ values of 10.95 and 0.06 μM, respectively. Anti-infective agent 1 shows antimycobacterial activity against *Mycobacterium smegmatis* with a MIC of 8 μg/mL^[1].

REFERENCES

[1]. Kalt MM, et al. Palladium-catalysed synthesis of aryl-naphthoquinones as antiprotozoal and antimycobacterial agents. *Eur J Med Chem.* 2020 Dec 1;207:112837.

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