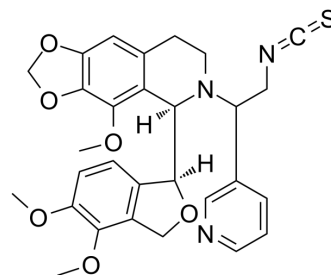


Anti-Trypanosoma cruzi agent-3

Cat. No.:	HY-147765
CAS No.:	2397639-23-3
Molecular Formula:	C ₂₉ H ₂₉ N ₃ O ₆ S
Molecular Weight:	547.62
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-Trypanosoma cruzi agent-3 (Compound 7c) is an antiprotozoal agent ^[1] .
In Vitro	Anti-Trypanosoma cruzi agent-3 (Compound 7c) shows antiprotozoal and cytotoxic activities with IC ₅₀ values of 2.7±0.3, 1.9±0.4, 0.9±0.0, 2.5±0.3 and 7.1±2.8 μM against T.b. rhodesiense, T. cruzi, L. donovani, P. falciparum and L6 cells, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Babanezhad Harikandei K, et al. Synthesis, in-vitro antiprotozoal activity and molecular docking study of isothiocyanate derivatives. Bioorg Med Chem. 2020 Jan 1;28(1):115185.

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

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