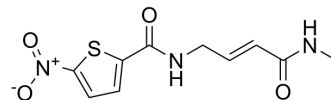


Antitrypanosomal agent 19

Cat. No.:	HY-163003
Molecular Formula:	C ₁₀ H ₁₁ N ₃ O ₄ S
Molecular Weight:	269.28
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antitrypanosomal agent 19 (compound 10) is an orally available antitrypanosomal agent. Antitrypanosomal agent 19 effectively inhibits the growth of trypanosomatids <i>T. b. brucei</i> , <i>T. b. gambiense</i> and <i>T. b. rhodesiense</i> , mitigating the Human trypanosomiasis (HAT)-induced acute infectious toxicity in mice ^[1] .
IC ₅₀ & Target	Trypanosome ^[1]

REFERENCES

[1]. Ajayi O et al. Discovery of an orally active nitrothiophene-based antitrypanosomal agent[J]. European Journal of Medicinal Chemistry, 2023: 115954.

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

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