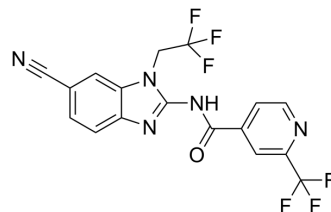


## Antitrypanosomal agent 10

Cat. No.:	HY-151942
Molecular Formula:	C <sub>17</sub> H <sub>9</sub> F <sub>6</sub> N <sub>5</sub> O
Molecular Weight:	413.28
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Antitrypanosomal agent 10 is an antitrypanosomal agent that inhibits <i>Trypanosoma cruzi</i> with an IC <sub>50</sub> of 0.28 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	Trypanosoma
In Vitro	Antitrypanosomal agent 10 (compound 46) has good selectivity over mammalian cells, acceptable mouse liver microsomes (MLM) clearance and lipophilicity <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Celso de Oliveira Rezende Júnior, et al. Hit-to-lead optimization of a 2-aminobenzimidazole series as new candidates for chagas disease. *Eur J Med Chem.* 2022 Nov 15;246:114925.

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

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