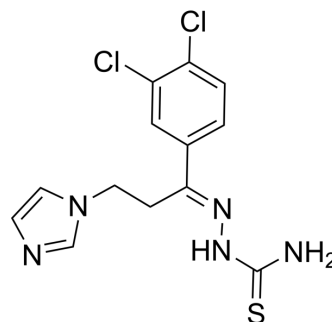


## TSC26

Cat. No.:	HY-149073
Molecular Formula:	C <sub>13</sub> H <sub>13</sub> Cl <sub>2</sub> N <sub>5</sub> S
Molecular Weight:	342.25
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

TSC26, a thiosemicarbazone, is a potent cruzipain (CZP) inhibitor with an IC<sub>50</sub> of 175 nM, a pIC<sub>50</sub> of 6.76 and a pK<sub>a</sub> of 6.6. TSC26 has the potential for parasitic diseases research<sup>[1]</sup>.

## REFERENCES

[1]. Gabriel Jasinski, et al. Design, synthesis and biological evaluation of novel thiosemicarbazones as cruzipain inhibitors. *Eur J Med Chem.* 2023 Apr 7;254:115345.

**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