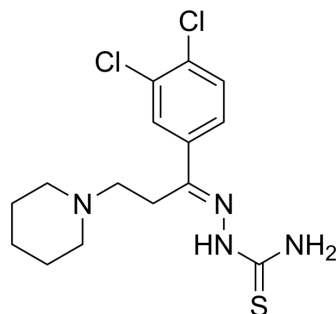


TSC24

Cat. No.:	HY-149068
Molecular Formula:	C ₁₅ H ₂₀ Cl ₂ N ₄ S
Molecular Weight:	359.32
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

TSC24, a thiosemicarbazone, is a potent cruzipain (CZP) inhibitor with an IC₅₀ of 2.86 nM, a pIC₅₀ of 8.54 and a pK_a of 8.6. TSC24 has the potential for parasitic diseases research^[1].

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.

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