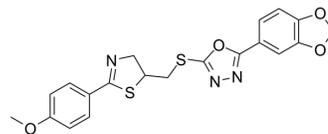


## Antileishmanial agent-23

Cat. No.:	HY-155207
CAS No.:	745033-86-7
Molecular Formula:	C <sub>20</sub> H <sub>17</sub> N <sub>3</sub> O <sub>4</sub> S <sub>2</sub>
Molecular Weight:	427.5
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antileishmanial agent-23 (compound G1/9) is a potent and selective trypanothione reductase (TR) inhibitor, with an IC<sub>50</sub> of 2.24 ± 0.52 μM. Antileishmanial agent-23 inhibits the growth of Leishmania, Trypanosoma cruzi, and Trypanosoma brucei<sup>[1]</sup>.

### REFERENCES

[1]. Ilari A, et al. Toward a Drug Against All Kinetoplastids: From LeishBox to Specific and Potent Trypanothione Reductase Inhibitors. Mol Pharm. 2018 Aug 6;15(8):3069-3078.

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

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