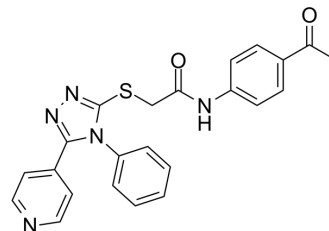


## Antitrypanosomal agent 8

Cat. No.:	HY-147933
CAS No.:	332376-42-8
Molecular Formula:	C <sub>23</sub> H <sub>19</sub> N <sub>5</sub> O <sub>2</sub> S
Molecular Weight:	429.49
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Antitrypanosomal agent 8 (compound 3b) has potent antitrypanosomal activity against <i>Trypanosoma brucei</i> with an IC <sub>50</sub> value of 0.79 μM and exhibits certain cytotoxicity in L6 cells (IC <sub>50</sub> =80.95 μM) <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.79 μM ( <i>Trypanosoma brucei</i> ) <sup>[1]</sup>

### REFERENCES

[1]. Shaykoon MS, et al. Design, synthesis and antitrypanosomal activity of heteroaryl-based 1,2,4-triazole and 1,3,4-oxadiazole derivatives. Bioorg Chem. 2020 Jul;100:103933.

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

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