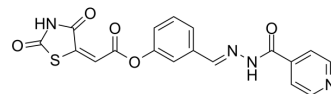


## Antimycobacterial agent-1

Cat. No.:	HY-146104
CAS No.:	2409926-02-7
Molecular Formula:	C <sub>18</sub> H <sub>12</sub> N <sub>4</sub> O <sub>5</sub> S
Molecular Weight:	396.38
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Antimycobacterial agent-1 (compound 33) has selectively antimycobacterial activity against <i>Mycobacterium tuberculosis</i> ( <i>M. tuberculosis</i> ) H37Ra with a MIC value of 1 µg/ml. Antimycobacterial agent-1 has relatively low cytotoxicity in normal cells (Vero cells IC <sub>50</sub> = 143.2 µg/ml) <sup>[1]</sup> .
IC <sub>50</sub> & Target	MIC: 1 µg/ml ( <i>M. tuberculosis</i> ) <sup>[1]</sup>

### REFERENCES

[1]. Trotsko N, et al. Synthesis and antimycobacterial activity of thiazolidine-2,4-dione based derivatives with halogenbenzohydrazones and pyridinecarbohydrazones substituents. *Eur J Med Chem.* 2020;189:112045.

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

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