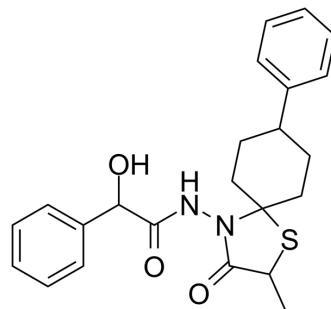


## Tuberculosis inhibitor 4

<b>Cat. No.:</b>	HY-115900
<b>Molecular Formula:</b>	C <sub>23</sub> H <sub>26</sub> N <sub>2</sub> O <sub>3</sub> S
<b>Molecular Weight:</b>	410.53
<b>Target:</b>	Bacterial
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tuberculosis inhibitor 4 (compound 16), a mandelic acid-based spirothiazolidinone, has potent antimycobacterial activity against *Mycobacterium tuberculosis* strain H37Rv with the high inhibition value 98% at lower than 6.25 µg/mL concentration [1].

### REFERENCES

[1]. Muhammed Trawally, et al. Mandelic acid-based spirothiazolidinones targeting *M. tuberculosis*: Synthesis, in vitro and in silico investigations. *Bioorg Chem.* 2022 Apr;121:105688.

**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