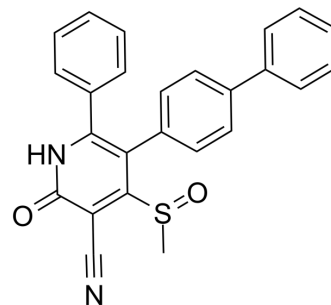


Tuberculosis inhibitor 5

Cat. No.:	HY-146348
Molecular Formula:	C ₂₅ H ₁₈ N ₂ O ₂ S
Molecular Weight:	410.49
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tuberculosis inhibitor 5 (Compound 11i) is a potent antimycobacterial biphenyl analogue without noticeable cytotoxicity. Tuberculosis inhibitor 5 is an anti-tuberculosis agent ^[1] .
In Vitro	Tuberculosis inhibitor 5 (Compound 11i) shows antimycobacterial activity with a MIC of 1.2 μM against Mycobacterium tuberculosis (H37Rv) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jian Y, et al. Synthesis and structure activity relationships of cyanopyridone based anti-tuberculosis agents. Eur J Med Chem. 2020 Sep 1;201:112450.

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

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