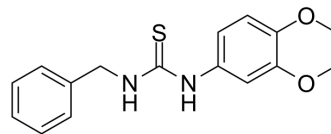


Anti-inflammatory agent 14

Cat. No.:	HY-144735
CAS No.:	894496-27-6
Molecular Formula:	C ₁₆ H ₁₆ N ₂ O ₂ S
Molecular Weight:	300.38
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-inflammatory agent 14 (compound 28) is an anti-inflammatory agent, with a MIC ₅₀ of 2 μM for Mtb H37Rv ^[1] .
In Vitro	Anti-inflammatory agent 14 (compound 28) inhibits IL-1β dose-dependently ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sanderson Dias Calixto, et al. Antimycobacterial and anti-inflammatory activities of thiourea derivatives focusing on treatment approaches for severe pulmonary tuberculosis. *Bioorg Med Chem.* 2022 Jan 1;53:116506.

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

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