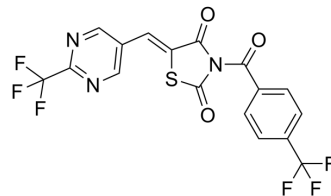


Antitubercular agent-45

Cat. No.:	HY-163437
Molecular Formula:	C ₁₇ H ₇ F ₆ N ₃ O ₃ S
Molecular Weight:	447.31
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antitubercular agent-45 (Compound 5g) is an antifungal and antitubercular agent. Antitubercular agent-45 inhibits *S. aureus*, MRSA, *B. subtilis*, *E. coli*, *C. albicans* with MIC values of 6.4, 10.8, 6.1, 8.4, 8.1 μM respectively^[1].

REFERENCES

[1]. Raghu MS, et al. Synthesis, biological evaluation and molecular docking study of pyrimidine linked thiazolidinedione derivatives as potential antimicrobial and antitubercular agents. *Bioorg Med Chem Lett.* 2024 May 1;103:129707.

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

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