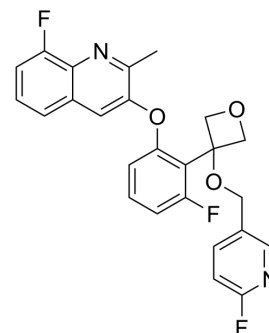


Antituberculosis agent-8

Cat. No.:	HY-152138
CAS No.:	2874263-74-6
Molecular Formula:	C ₂₅ H ₁₉ F ₃ N ₂ O ₃
Molecular Weight:	452.43
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antituberculosis agent-8 (Compound 9i) is an antitubercular agent with an MIC of 3.53 μ M (1.6 μ g/mL) against <i>M. tuberculosis H37Rv</i> . Antituberculosis agent-8 also shows good antifungal activity against <i>A. niger</i> with an MIC of 62.50 μ M ^[1] .
In Vitro	Antituberculosis agent-8 (Compound 9i) shows antimicrobial activity with MICs of 3.53, 62.50, 125, 250 and 250 μ M against <i>M. tuberculosis H37Rv</i> , <i>A. Niger</i> , <i>C. albicans</i> , <i>S. albus</i> , <i>B. subtilis</i> , respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Shinde A, et al. Synthesis, Characterization, and Antimicrobial Activity Screening of Some Novel 3-(2-(3-(Substituted benzyloxy)oxetan-3-yl)-3-fluorophenoxy)-8-fluoro-2-methylquinoline Derivatives as Potential Antimycobacterial Agents. ACS Omega. 2022 Dec 6;7(50):47096-47107.

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