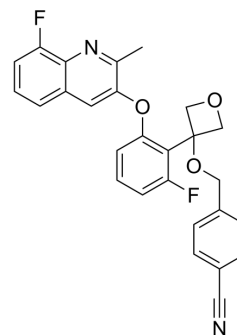


Antituberculosis agent-6

Cat. No.:	HY-152136
CAS No.:	2874263-72-4
Molecular Formula:	C ₂₇ H ₂₀ F ₂ N ₂ O ₃
Molecular Weight:	458.46
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-6 (compound 9g) is a potent antimycobacterial agent. Antituberculosis agent-6 shows significant activity against *M. tuberculosis*, with a MIC of 3.49 μ M. Antituberculosis agent-6 also shows good antifungal activity against *A. niger*, with a MIC of 62.50 μ M. Antituberculosis agent-6 shows high GI absorption^[1].

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