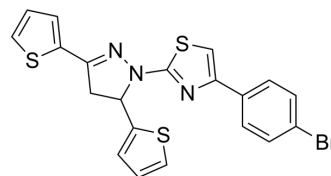


DHFR-IN-10

Cat. No.:	HY-156412
CAS No.:	929484-47-9
Molecular Formula:	C ₂₀ H ₁₄ BrN ₃ S ₃
Molecular Weight:	472.44
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DHFR-IN-10 (compound 4c) is a potent DHFR inhibitor, with an IC₅₀ of 4.21 μM for *M. tuberculosis* DHFR enzyme. DHFR-IN-10 exhibits potent antituberculosis efficiency^[1].

REFERENCES

[1]. Dawood DH, et, al. New Thiophenyl-pyrazolyl-thiazole Hybrids as DHFR Inhibitors: Design, Synthesis, Antimicrobial Evaluation, Molecular Modeling, and Biodistribution Studies. ACS Omega. 2023 Oct 13;8(42):39250-39268.

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

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