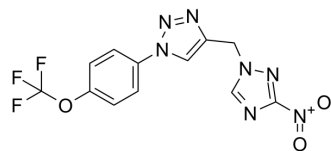


Antibacterial agent 180

Cat. No.:	HY-163292
Molecular Formula:	C ₁₂ H ₈ F ₃ N ₇ O ₃
Molecular Weight:	355.23
Target:	Bacterial; Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antibacterial agent 180 (15g), an appropriate substrate for the type I nitro reductases (TcNTR I), is a promising antitrypanosomatid agent. Antibacterial agent 180 (15g) shows nonmutagenic potential against *Salmonella typhimurium* strains (TA98, TA100, and TA102)^[1].

REFERENCES

[1]. Bruno I Pelizaro, et al. Design and Synthesis of Novel 3-Nitro-1 H-1,2,4-triazole-1,2,3-triazole-1,4-disubstituted Analogs as Promising Antitrypanosomatid Agents: Evaluation of In Vitro Activity against Chagas Disease and Leishmaniasis. *J Med Chem.* 2024 Feb 22;67(4):2584-2601.

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

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