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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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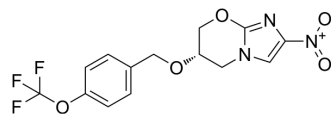
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Pretomanid (Standard)

Cat. No.:	HY-10844R
CAS No.:	187235-37-6
Molecular Formula:	C ₁₄ H ₁₂ F ₃ N ₃ O ₅
Molecular Weight:	359.26
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pretomanid (Standard) is the analytical standard of Pretomanid. This product is intended for research and analytical applications. Pretomanid (PA-824) is an antibiotic used for the research of multi-drug-resistant tuberculosis affecting the lungs. Pretomanid exhibits a sub-micromolar MIC against <i>M. tuberculosis</i> (MTB). The MIC values of PA-824 against a panel of MTB pan-sensitive and Rifampin mono-resistant clinical isolates range from 0.015 to 0.25 µg/mL.
IC ₅₀ & Target	Tuberculosis.

REFERENCES

- [1]. Stover CK, et al. A small-molecule nitroimidazopyran drug candidate for the treatment of tuberculosis. *Nature*. 2000 Jun 22;405(6789):962-6.
- [2]. Lenaerts AJ, et al. Preclinical testing of the nitroimidazopyran PA-824 for activity against *Mycobacterium tuberculosis* in a series of in vitro and in vivo models. *Antimicrob Agents Chemother*. 2005 Jun;49(6):2294-301.
- [3]. Manjunatha UH, et al. *Mycobacterium leprae* is naturally resistant to PA-824. *Antimicrob Agents Chemother*. 2006 Oct;50(10):3350-4.

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

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