



SZABO SCANDIC

Part of Europa Biosite

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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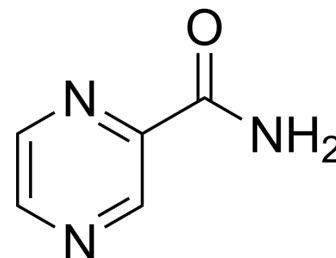
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Pyrazinamide (Standard)

Cat. No.:	HY-B0271R
CAS No.:	98-96-4
Molecular Formula:	C ₅ H ₅ N ₃ O
Molecular Weight:	123.11
Target:	Bacterial; Autophagy; Antibiotic
Pathway:	Anti-infection; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pyrazinamide (Standard) is the analytical standard of Pyrazinamide. This product is intended for research and analytical applications. Pyrazinamide (Pyrazinecarboxamide; Pyrazinoic acid amide) is a potent and orally active antitubercular antibiotic. Pyrazinamide is a proagent that is converted to the active form pyrazinoic acid (POA) by PZase/nicotinamidase encoded by the pncA gene in <i>M. tuberculosis</i> .
IC ₅₀ & Target	IC50: Mycobacterium tuberculosis ^[1]

REFERENCES

[1]. Y Zhang, et al. Role of acid pH and deficient efflux of pyrazinoic acid in unique susceptibility of Mycobacterium tuberculosis to pyrazinamide. J Bacteriol. 1999 Apr;181(7):2044-9.

[2]. Ying Zhang, et al. Mechanisms of Pyrazinamide Action and Resistance. Microbiol Spectr. 2014 Aug;2(4):MGM2-0023-2013.

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

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