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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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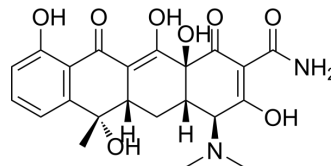
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Tetracycline (Standard)

Cat. No.:	HY-A0107R
CAS No.:	60-54-8
Molecular Formula:	C ₂₂ H ₂₄ N ₂ O ₈
Molecular Weight:	444.43
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tetracycline (Standard) is the analytical standard of Tetracycline. This product is intended for research and analytical applications. Tetracycline is a broad-spectrum antibiotic with oral activity. Tetracycline exhibits activity against a wide range of bacteria including gram-positive, gram-negative bacteria, chlamydiae, mycoplasmas and rickettsiae. Tetracycline can be used for the research of infections ^[1] .
IC ₅₀ & Target	Bacterial ^[1]

REFERENCES

- [1]. Chopra I, et al. Tetracycline antibiotics: mode of action, applications, molecular biology, and epidemiology of bacterial resistance. Microbiol Mol Biol Rev. 2001 Jun;65(2):232-60.
- [2]. Bowdre JH, et al. Antibiotic efficacy against *Vibrio vulnificus* in the mouse: superiority of tetracycline. J Pharmacol Exp Ther. 1983 Jun;225(3):595-8.
- [3]. Forloni G, et al. Anti-amyloidogenic activity of tetracyclines: studies in vitro. FEBS Lett. 2001 Jan 5;487(3):404-7.

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

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