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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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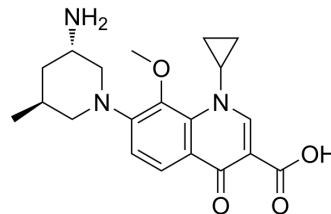
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Nemonoxacin (Standard)

Cat. No.:	HY-14956R
CAS No.:	378746-64-6
Molecular Formula:	C ₂₀ H ₂₅ N ₃ O ₄
Molecular Weight:	371.43
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Nemonoxacin (Standard) is the analytical standard of Nemonoxacin. This product is intended for research and analytical applications. Nemonoxacin (TG-873870) is an orally active and potent broad-spectrum antibiotic. Nemonoxacin shows good inhibitory activity against different species of staphylococci, streptococci, and enterococci, <i>Neisseria gonorrhoeae</i> , and <i>Haemophilus influenzae</i> . Nemonoxacin can be used in the study of bacterial infections and community-acquired pneumonia [1][2][3].
IC ₅₀ & Target	Bacteria[1][2][3].

REFERENCES

- [1]. Adam HJ, et al. In vitro activity of nemonoxacin, a novel nonfluorinated quinolone, against 2,440 clinical isolates. *Antimicrob Agents Chemother.* 2009 Nov;53(11):4915-20.
- [2]. Li CR, et al. In vivo antibacterial activity of nemonoxacin, a novel non-fluorinated quinolone. *J Antimicrob Chemother.* 2010 Nov;65(11):2411-5.
- [3]. Lauderdale TL, et al. Comparative in vitro activities of nemonoxacin (TG-873870), a novel nonfluorinated quinolone, and other quinolones against clinical isolates. *Antimicrob Agents Chemother.* 2010 Mar;54(3):1338-42.

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

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