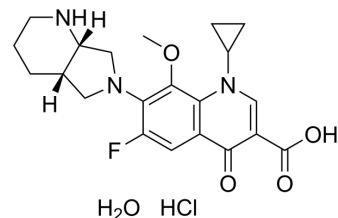


Moxifloxacin hydrochloride monohydrate

Cat. No.:	HY-W353258
CAS No.:	192927-63-2
Molecular Formula:	C ₂₁ H ₂₇ ClFN ₃ O ₅
Molecular Weight:	455.91
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Moxifloxacin (BAY 12-8039) hydrochloride monohydrate is an orally active bacterial inhibitor that is effective against *Streptococcus pneumoniae*. Moxifloxacin hydrochloride monohydrate can be used in tuberculosis research^{[1][2]}.

CUSTOMER VALIDATION

- Cell Mol Life Sci. 2022 Jul 22;79(8):441.
- Universität zu Lübeck. Klinik für Dermatologie, Allergologie und Venerologie.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Pestova E, et al. Intracellular targets of moxifloxacin: a comparison with other fluoroquinolones. *J Antimicrob Chemother.* 2000 May;45(5):583-90.

[2]. Miyazaki E, et al. Moxifloxacin (BAY12-8039), a new 8-methoxyquinolone, is active in a mouse model of tuberculosis. *Antimicrob Agents Chemother.* 1999 Jan;43(1):85-9.

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

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