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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Sitafloxacin hydrate (Standard)

Cat. No.:	HY-B0395CR
CAS No.:	163253-35-8
Molecular Formula:	C ₁₉ H ₁₈ ClF ₂ N ₃ O ₃ ·3/2H ₂ O
Molecular Weight:	436.84
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Sitafloxacin (hydrate) (Standard) is the analytical standard of Sitafloxacin (hydrate). This product is intended for research and analytical applications. Sitafloxacin (DU6859a) hydrate is an orally active fluoroquinolone antibiotic (antibiotic) with in vitro activity against a wide range of Gram-positive and -negative bacteria, including anaerobic bacteria, as well as atypical pathogens. Sitafloxacin is used in the study of respiratory tract infections and urinary tract infections^{[1][2][3][4]}.

REFERENCES

- [1]. Anderson, D.L., Sitafloxacin hydrate for bacterial infections. *Drugs Today (Barc)*, 2008. 44(7): p. 489-501.
- [2]. Surapee Tiengrim, et al. Comparative in vitro activity of sitafloxacin against bacteria isolated from Thai patients with urinary tract infections and lower respiratory tract infections. *J Med Assoc Thai*. 2012 Feb;95 Suppl 2:S6-17.
- [3]. Keating, et al. Sitafloxacin: in bacterial infections. *Drugs*, 2011. 71(6): p. 731-44.

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

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