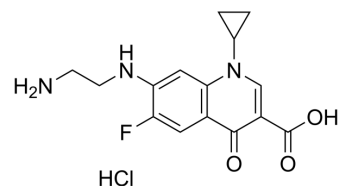


Desethylene Ciprofloxacin hydrochloride

Cat. No.:	HY-122139
CAS No.:	528851-31-2
Molecular Formula:	C ₁₅ H ₁₇ ClFN ₃ O ₃
Molecular Weight:	341.77
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Desethylene Ciprofloxacin hydrochloride is a major metabolite of Ciprofloxacin (HY-B0356). Ciprofloxacin is an orally active topoisomerase IV inhibitor. Desethylene Ciprofloxacin hydrochloride has antibacterial activity^[1].

REFERENCES

[1]. Šíma M, et al. Factors Affecting the Metabolic Conversion of Ciprofloxacin and Exposure to Its Main Active Metabolites in Critically Ill Patients: Population Pharmacokinetic Analysis of Desethylene Ciprofloxacin. *Pharmaceutics*. 2022 Aug 4;14(8):1627.

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

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