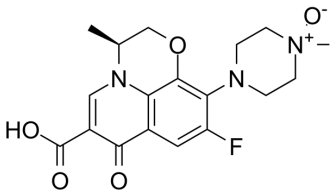
Levofloxacin N-oxide

Cat. No.:	HY-133787
CAS No.:	117678-38-3
Molecular Formula:	$C_{18}H_{20}FN_3O_5$
Molecular Weight:	377.37
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Levofloxacin N-oxide is a minor metabolite of Levofloxacin (HY-B0330). Levofloxacin N-oxide does not exhibit significantly genotoxic risks. Levofloxacin is an orally active antibiotic and is active against both Gram-positive and Gram-negative bacteria[1][2].

REFERENCES

[1]. Zhu Q, et al. In silico and in vitro genotoxicity evaluation of levofloxacin n-oxide, an impurity in levofloxacin. Toxicol Mech Methods. 2012 Apr;22(3):225-30.

[2]. Nightingale CH, et al. Pharmacodynamics and pharmacokinetics of levofloxacin. Chemotherapy. 2000;46 Suppl 1:6-14.

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