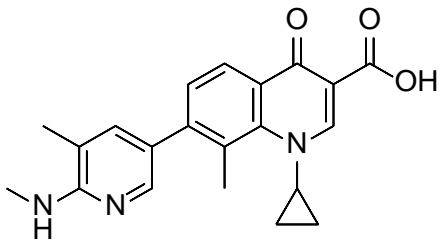


Product data sheet



MedKoo Cat#: 326847 Name: Ozenoxacin CAS: 245765-41-7 Chemical Formula: C ₂₁ H ₂₁ N ₃ O ₃ Exact Mass: 363.1583 Molecular Weight: 363.417	
Product supplied as:	Powder
Purity (by HPLC):	≥ 98%
Shipping conditions	Ambient temperature
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.

1. Product description:

Ozenoxacin, also known as GF-001001-00; M-5120; T-3912; GF-00100100, is an experimental quinolone antibiotic being developed for the treatment of impetigo and other dermatological bacterial infections. Ozenoxacin is active against some bacteria that have developed resistance to currently used quinolone and fluoroquinolone antibiotics.

2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
DMSO	3.93	10.81

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	2.75 mL	13.76 mL	27.52 mL
5 mM	0.55 mL	2.75 mL	5.50 mL
10 mM	0.28 mL	1.38 mL	2.75 mL
50 mM	0.06 mL	0.28 mL	0.55 mL

5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

TBD

In vivo study

TBD

7. Bioactivity

Biological target:

Ozenoxacin is a nonfluorinated quinolone antibacterial, which shows potent activities against the main microorganisms isolated from skin and soft tissue infections.

In vitro activity

TBD

In vivo activity

TBD

Product data sheet



Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.