

Catalog	Unit
TBI3917-1G	1 g
TBI3917-5G	5 g

Product Details

Formal Name: 1-Cyclopropyl-6-fluoro-4-oxo-7-piperazin-1-ylquinolin-3-carboxylic acid hydrochloride hydrate

Molecular Formula: C₁₇H₁₈FN₃O₃·HCl·H₂O

Formula Weight: 385.8

CAS Number: 86393-32-0

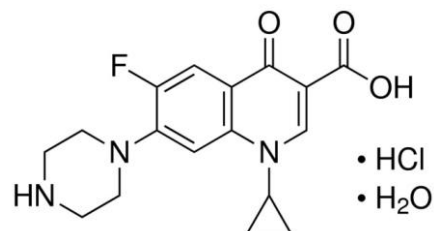
Purity: >98%

Formulation: Powder

Solubility: Soluble in Water (35 mg/ml) or ethanol (1.5 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

Fluoroquinolone antibiotic

Functions

Ciprofloxacin is a clinically useful fluoroquinolone antibiotic. It inhibits bacterial DNA topoisomerase and gyrase with particular effectiveness against gram-negative bacilli bacteria.

Application Procedures

Dissolved in water (35 mg/ml) or ethanol (1.5 mg/ml). Solutions in distilled water or ethanol may be stored at -20°C for up to 6 months.

Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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