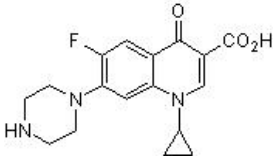


Product datasheet

Ciprofloxacin, Broad-spectrum antibiotic ab141917

1 Image

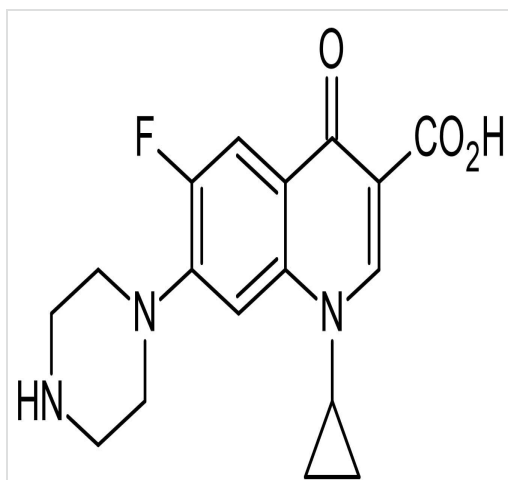
Overview

Product name	Ciprofloxacin, Broad-spectrum antibiotic
Description	Broad-spectrum antibiotic
Biological description	Broad-spectrum antibiotic effective against Gram-positive, Gram-negative and anaerobic bacteria. Effective against <i>Mycobacterium tuberculosis</i> . Inhibits bacterial DNA gyrase, cell division and causes double-strand breaks in the bacterial chromosome. Active <i>in vivo</i> .
Purity	> 98%
CAS Number	85721-33-1
Chemical structure	

Properties

Chemical name	1-Cyclopropyl-6-fluoro-4-oxo-7-piperazin-1-ylquinoline-3-carboxylic acid
Molecular weight	331.34
Molecular formula	C ₁₇ H ₁₈ FN ₃ O ₃
PubChem identifier	2764
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in 1 eq. HCl
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C1CC1N2C=C(C(=O)C3=CC(=C(C=C32)N4CCNCC4)F)C(=O)O
Source	Synthetic

Images



Chemical Structure - Ciprofloxacin, Broad-spectrum antibiotic (ab141917)

2D chemical structure image of ab141917, Ciprofloxacin, Broad-spectrum antibiotic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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