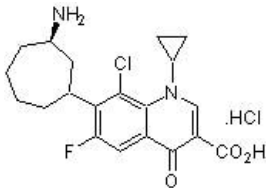


Product datasheet

Besifloxacin hydrochloride, fluoroquinolone antibiotic agent ab145169

1 Image

Overview

Product name	Besifloxacin hydrochloride, fluoroquinolone antibiotic agent
Description	Broad spectrum fluoroquinolone antibiotic agent
Biological description	Broad spectrum fluoroquinolone antibiotic agent. DNA gyrase and topoisomerase IV inhibitor. Penetrates ocular tissue. Shows bactericidal effects <i>in vivo</i> .
CAS Number	405165-61-9
Chemical structure	

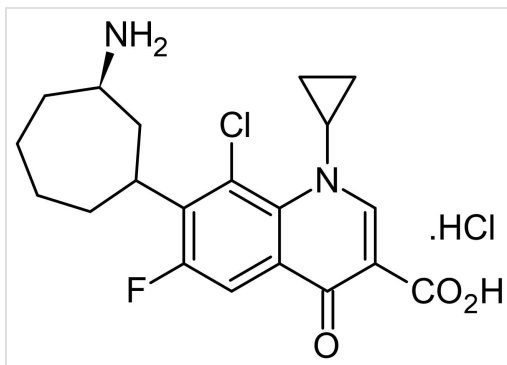
Properties

Chemical name	7-[(3R)-3-Aminoazepan-1-yl]-8-chloro-1-cyclopropyl-6-fluoro-4-oxoquinoline-3-carboxylic acid hydrochloride
Molecular weight	430.31
Molecular formula	C ₁₉ H ₂₁ ClFN ₃ O ₃ .HCl
PubChem identifier	10224595
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
Handling	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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	C1CCN(CC(C1)N)C2=C(C=C3C(=C2Cl)N(C=C(C3=O)C(=O)O)C4CC4)F.Cl

Source

Synthetic

Images



2D chemical structure image of ab145169, Besifloxacin hydrochloride, fluoroquinolone antibiotic agent

Chemical Structure - Besifloxacin hydrochloride, fluoroquinolone antibiotic agent (ab145169)

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
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- 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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