DATASHEET
Gatifloxacin

Product overview

Name: Gatifloxacin
Cat No: HB3263
Description: Antibiotic; bacterial type II topoisomerase inhibitor. Activates ESC short term renewal.
Alternative names: AM 1155
Biological action: Antibiotic
Purity: >98%

Solubility & Handling

Storage instructions: +4°C
Solubility overview: Soluble in DMSO (10 mM)
Important: This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name: 1-Cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-7-(3-methyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid
Molecular Weight: 375.39
Chemical structure: C_{19}H_{22}FN_{3}O_{4}.1.5H_{2}O
CAS Number: 112811-59-3
PubChem identifier: 5379
SMILES: CC1CN(CCN1)C=CC=C3C(C=C2OC)C(N(C=C3)C(=O)O)C4CC4)F
InChIKey: XUBOMFCQGDBHNK-UHFFFAOYSA-N
MDL number: MFCD22373645
Appearance: White to off-white