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DATASHEET

Gatifloxacin

Product overview

NameGatifloxacinCat NoHB3263Alternative namesAM 1155Purity>98%

Description Antibiotic; bacterial type II topoisomerase inhibitor. Activates ESC short term renewal.

Solubility & Handling

Solubility overview Soluble in DMSO (10 mM)

Storage instructions +4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

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 375.39

Molecular Weight

Chemical structure

CAS Number 112811-59-3 PubChem identifier 5379

SMILES CC1CN(CCN1)C2=C(C=C3C(=C2OC)N(C=C(C3=O)C(=O)O)C4CC4)F

InChiKey XUBOMFCQGDBHNK-UHFFFAOYSA-N

MDL numberMFCD22373645AppearanceWhite to off-white