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DATASHEET

Gatifloxacin

Product overview

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

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	
Molecular Formula	C ₁₉ H ₂₂ FN ₃ O ₄ ·1.5H ₂ O
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 number	MFCD22373645
Appearance	White to off-white