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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

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|-----------------------------|---|
| 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

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|---------------------------|--|
| 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 |