

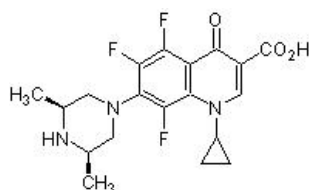
Product datasheet

Orbifloxacin, Fluoroquinolone antibiotic ab143425

1 Image

Overview

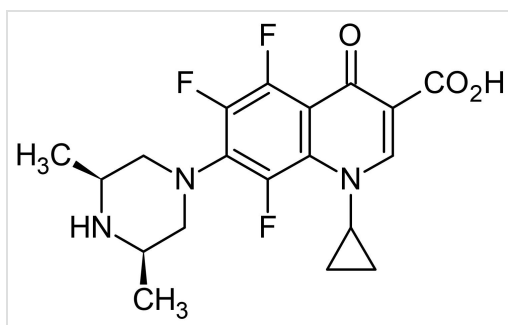
Product name	Orbifloxacin, Fluoroquinolone antibiotic
Description	Fluoroquinolone antibiotic
Biological description	Fluoroquinolone antibiotic. Inhibits topoisomerase II ligase resulting in DNA fragmentation.
Purity	> 98%
CAS Number	113617-63-3
Chemical structure	



Properties

Chemical name	1-Cyclopropyl-7-[(3S,5R)-3,5-dimethylpiperazin-1-yl]-5,6,8-trifluoro-4-oxoquinoline-3-carboxylic acid
Molecular weight	395.38
Molecular formula	C ₁₉ H ₂₀ F ₃ N ₃ O ₃
PubChem identifier	60605
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
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	CC1CN(CC(N1)C)C2=C(C3=C(C(=C2F)F)C(=O)C(=CN3C4CC4)C(=O)O)F
Source	Synthetic

Images



Chemical Structure - Orbifloxacin, Fluoroquinolone antibiotic (ab143425)

2D chemical structure image of ab143425, Orbifloxacin, Fluoroquinolone antibiotic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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