



Product Information

Antifection inhibitor Finafloxacin, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ115

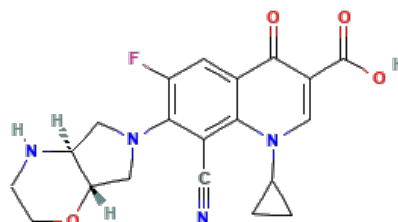
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 209342-40-5

Compound CID: 11567473

Synonym: 209342-40-5; Antifection inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Finafloxacin has strong immunosuppressant properties. It targets Quinolone.
Molecular Weight	398.39
Molecular Formula	C ₂₀ H ₁₉ FN ₄ O ₄
Targets	Quinolone
IUPAC Name	7-[(4aS,7aS)-3,4,4a,5,7,7a-hexahydro-2H-pyrrolo[3,4-b][1,4]oxazin-6-yl]-8-cyano-1-cyclopropyl-6-fluoro-4-oxoquinoline-3-carboxylic acid
InChI	InChI=1S/C20H19FN4O4/c21-14-5-11-17(25(10-1-2-10)7-13(19(11)26)20(27)28)12(6-22)18(14)24-8-15-16(9-24)29-4-3-23-15/h5,7,10,15-16,23H,1-4,8-9H2,(H,27,28)/t15-,16-/m0/s1
InChI Key	FYMHQCNFKNMJAV-HOTGVXAUSA-N
Canonical SMILES	C1CC1N2C=C(C(=O)C3=CC(=C(C(=C32)C#N)N4CC5C(C4)OCCN5)F)C(=O)O
Isomeric SMILES	C1CC1N2C=C(C(=O)C3=CC(=C(C(=C32)C#N)N4C[C@H]5[C@H](C4)OCCN5)F)C(=O)O
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Finafloxacin is used to research its antibacterial properties, targeting a broad spectrum of bacterial infections, including drug-resistant strains.
Storage	Store at -20°C, and keep desiccated.



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