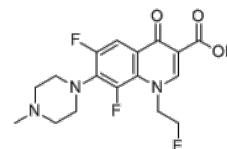


Product Name : Fleroxacin
Cat. No. : PC-49008
CAS No. : 79660-72-3
Molecular Formula : C₁₇H₁₈F₃N₃O₃
Molecular Weight : 369.344
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

Fleroxacin (AM833, Ro23-6240) is a broad-spectrum fluoroquinolone **antibiotic**, with activity against a variety of Gram-positive and Gram-negative bacteria with MIC₉₀ values of 0.05 to 3.13 ug/mL.

Fleroxacin (AM833, Ro23-6240) showed potent activity against members of the family Enterobacteriaceae, Neisseria spp., and Haemophilus influenzae and good activity against staphylococci, Pseudomonas aeruginosa, and Branhamella catarrhalis.

Fleroxacin (AM833, Ro23-6240) was as effective as ofloxacin and ciprofloxacin against systemic infections with Escherichia coli and Pseudomonas aeruginosa.

AM-833 exhibited good prophylactic activity against E. coli infections.

AM-833 also proved effective against localized infections such acute pneumonia and ascending urinary tract infections in mice.

References

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Hirai K, et al. Antimicrob Agents Chemother. 1986 Jun;29(6):1059-66.

Manek N, et al. Antimicrob Agents Chemother. 1986 Aug;30(2):330-2.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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