

Levofloxacin (Cas No 100986-85-4)



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CAS NO. 100986-85-4

Systematic (IUPAC) name

7-fluoro-6-(4-methylpiperazin-1-yl)-10-oxo-4-thia-1-azatricyclo[7.3.1.0^{5,13}]trideca-5(13),6,8,11-tetraene-11-carboxylic acid

Identifiers

CAS number 100986-85-4

ATC code J01MA12 S01AX19

PubChem 149096

DrugBank APRD00477

ChemSpider 131410

Chemical data

Formula C₁₈H₂₀FN₃O₄ Mol. mass 361.368 g/mol

SMILES eMolecules & PubChem

Synonyms (3S)-9-fluoro-3-methyl-10-(4-methylpiperazin-1-yl)-7-oxo-2,3-dihydro-7H-[1,4]oxazino[2,3,4-ij]quinoline-6-carboxylic acid

Pharmacokinetic data

Bioavailability 99%

Protein binding 24 to 38%

Metabolism Renal

Half life 6 to 8 hours

Excretion Urinary

Therapeutic considerations

Prescription Only

Routes Oral, IV, ophthalmic