

Product Name : Pefloxacin Mesylate

Synonyms : —

Cat No. : M15707

CAS Number : 70458-95-6

Molecular Formula : C₁₈H₂₄FN₃O₆S

Formula Weight : 429.46

Chemical Name : —

Description : Pefloxacin is an antibacterial agent and prevents bacterial DNA replication by inhibiting DNA gyrase (topoisomerase).

Pathway : Cell Cycle/DNA Damage

Target : Topoisomerase

Receptor : Topo IV

Solubility : Water: 67 mg/mL (156.0 mM); DMSO: 14 mg/mL (32.59 mM)

SMILES : CCN1C=C(C(=O)O)C(=O)C2=CC(F)=C(C=C12)N1CCN(C)CC1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Vila J, et al. Int J Antimicrob Agents. 2006 Jul;28(1):19-24.

