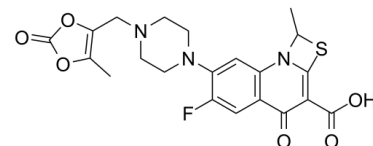


Data Sheet

| | |
|---------------------------|--|
| Product Name: | Prulifloxacin |
| Cat. No.: | CS-2950 |
| CAS No.: | 123447-62-1 |
| Molecular Formula: | C ₂₁ H ₂₀ FN ₃ O ₆ S |
| Molecular Weight: | 461.46 |
| Target: | Bacterial |
| Pathway: | Anti-infection |
| Solubility: | DMSO : 19.5 mg/mL (42.26 mM; Need ultrasonic and warming) |



BIOLOGICAL ACTIVITY:

Prulifloxacin(NM441) is an older synthetic antibiotic of the fluoroquinolone drug class. Target: Antibacterial Prulifloxacin prevents bacterial DNA replication, transcription, repair and recombination through inhibition of bacterial DNA gyrase.

References:

[1]. <http://en.wikipedia.org/wiki/Prulifloxacin>

CAIndexNames:

1H,4H-[1,3]Thiazeto[3,2-a]quinoline-3-carboxylic acid, 6-fluoro-1-methyl-7-[4-[(5-methyl-2-oxo-1,3-dioxol-4-yl)methyl]-1-piperazinyl]-4-oxo-

SMILES:

O=C(C1=C(SC2C)N2C3=C(C=C(F)C(N4CCN(CC5=C(C)OC(O5)=O)CC4)=C3)C1=O)O

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA