

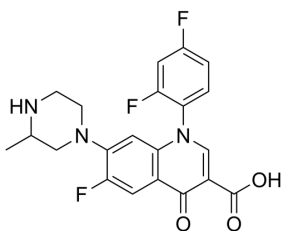
## Temafloxacin

Cat. No.: HY-16487  
 CAS No.: 108319-06-8  
 Batch No.: 112848  
 Chemical Name: 3-Quinolincarboxylic acid, 1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-7-(3-methyl-1-piperazinyl)-4-oxo-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{18}F_3N_3O_3$   
 Molecular Weight: 417.38  
 Storage: Powder      -20°C    3 years  
                                     4°C      2 years  
                                     In solvent   -80°C    6 months  
                                                             -20°C    1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 LCMS: Consistent with structure  
 Purity (LCMS): 99.65%  
 Conclusion: The product has been tested and complies with the given specifications.

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

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