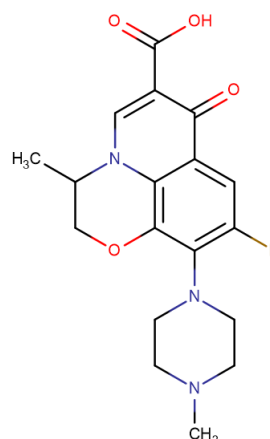


**Product Name** : Ofloxacin  
**Synonyms** : DL-8280; WP0405  
**Cat No.** : M16061  
**CAS Number** : 82419-36-1  
**Molecular Formula** : C<sub>18</sub>H<sub>20</sub>FN<sub>3</sub>O<sub>4</sub>

**Formula Weight** : 361.37



**Chemical Name** : 9-fluoro-3-methyl-10-(4-methylpiperazin-1-yl)-7-oxo-3,7-dihydro-2H-[1,4]oxazino[2,3,4-ij]quinoline-6-carboxylic acid  
**Description** : Ofloxacin is a fluoroquinolone whose primary mechanism of action is inhibition of bacterial DNA gyrase.  
**Pathway** : Cell Cycle/DNA Damage  
**Target** : Topoisomerase  
**Receptor** : Topo  
**Solubility** : DMSO: 0.4 mg/mL (1.1 mM)  
**SMILES** : CC1COC2=C3N1C=C(C(=O)C3=CC(=C2N4CCN(CC4)C)F)C(=O)O  
**Storage** : (-20°C)  
**Stability** : ≥ 2 years  
**Reference** :

1.Divo AA, et al. Antimicrob Agents ChemOthers. 1988 Aug;32(8):1182-6.