

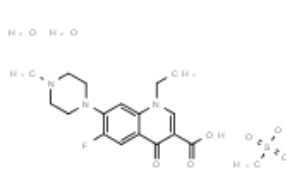
## Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC31800
Name	Pefloxacin Mesylate Dihydrate

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## Chemical Properties

CAS	149676-40-4
Formula	C <sub>18</sub> H <sub>28</sub> FN <sub>3</sub> O <sub>8</sub> S
MW	465.49
Storage	
Structure	 <p>The image shows the chemical structure of Pefloxacin Mesylate Dihydrate. It consists of a piperazine ring attached to a quinolone core. The quinolone core has a fluorine atom at the 6-position and a piperazine ring at the 7-position. The 4-position of the quinolone is substituted with a piperazine ring. The 3-position is substituted with a methyl group. The 2-position is substituted with a carboxylic acid group. The structure is shown as a dihydrate, with two water molecules (H<sub>2</sub>O) and a mesylate anion (CH<sub>3</sub>SO<sub>3</sub><sup>-</sup>) shown nearby.</p>
Purity	

**Website:**  
www.dcchemicals.com