

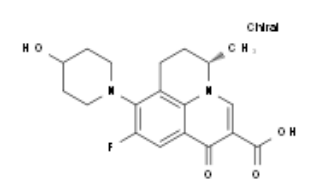
## Certificate of Analysis

Target	Products>>Novel inhibitors
Cat.No	DC72521
Name	Levonadifloxacin

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## Chemical Properties

CAS	154357-42-3
Formula	C <sub>19</sub> H <sub>21</sub> FN <sub>2</sub> O <sub>4</sub>
MW	360.38
Storage	2 years -20°C Powder, 2 weeks 4°C in DMSO, 6 months -80°C in DMSO
Structure	 <p>The chemical structure of Levonadifloxacin is shown. It features a central quinolone ring system. At position 7, there is a piperidine ring with a hydroxyl group (-OH) at the 4-position. At position 8, there is a fluorine atom (-F). At position 6, there is a piperidine ring with a hydroxyl group (-OH) at the 2-position. At position 4, there is a carboxylic acid group (-COOH). A chiral center is indicated at the 2-position of the piperidine ring at position 6, with a hydroxyl group (-OH) and a hydrogen atom (-H) attached to the carbon atom.</p>
Purity	>98%

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