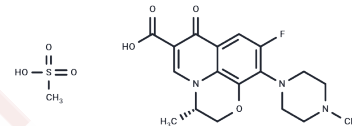


Levofloxacin mesylate

Chemical Properties

CAS No. : 226578-51-4
 Formula: C19H24FN3O7S
 Molecular Weight: 457.473
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	Levofloxacin mesylate is an orally active antibiotic effective against both Gram-positive and Gram-negative bacteria. It inhibits DNA gyrase and topoisomerase IV enzymes. Levofloxacin mesylate is employed in research related to chronic periodontitis, airway inflammation, and BK viremia. Additionally, it possesses anti-Orthopoxvirus activity.
Targets(IC50)	Antibacterial, Antibiotic, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1859 mL	10.9297 mL	21.8594 mL
5 mM	0.4372 mL	2.1859 mL	4.3719 mL
10 mM	0.2186 mL	1.093 mL	2.1859 mL
50 mM	0.0437 mL	0.2186 mL	0.4372 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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