



Product Information

Product ID G1849

CAS No. 210353-53-0

Chemical Name

Synonym

Formula $C_{18}H_{20}FN_5O_4 \cdot CH_3SO_3H$

Formula Wt. 485.49

Melting Point

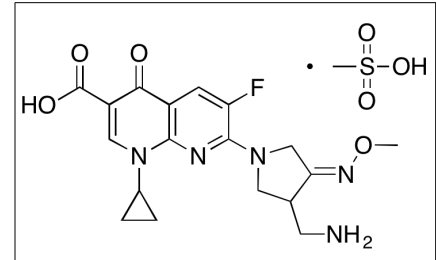
Purity $\geq 98\%$

Solubility

Store Temp Ambient

Ship Temp Ambient

Description Gemifloxacin is a fluoroquinolone antibiotic that displays antibacterial activity against both gram positive and gram negative bacteria. Gemifloxacin is commonly used as a short course of treatment for acute exacerbations of chronic bronchitis and COPD. This compound is also an effective treatment for *Streptococcus pneumoniae*-induced community-acquired pneumonia.



Bulk quantities available upon request

Product ID	Size
G1849	250 mg
G1849	1 g
G1849	5 g
G1849	25 g

References Anzueto A, Miravittles M. Short-course fluoroquinolone therapy in exacerbations of chronic bronchitis and COPD. *Respir Med.* 2010 Oct;104(10):1396-403. PMID: 20580215.

Lode HM, Schmidt-Ionas M, Stahlmann R. Gemifloxacin for community-acquired pneumonia. *Expert Opin Investig Drugs.* 2008 May;17(5):779-86. PMID: 18447602.

Bhavani SM, Andes DR. Gemifloxacin for the treatment of respiratory tract infections: in vitro susceptibility, pharmacokinetics and pharmacodynamics, clinical efficacy, and safety. *Pharmacotherapy.* 2005 May;25(5):717-40. PMID: 15899734.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.