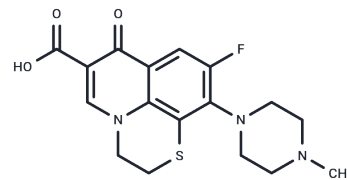


Rufloxacin

Chemical Properties

CAS No. :	101363-10-4
Formula:	C17H18FN3O3S
Molecular Weight:	363.41
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Rufloxacin is a drug that belongs to the class of fluoroquinolones, which act mainly as specific inhibitors of bacterial Topoisomerase II. These drugs involve in various diseases including cutaneous reactions, aging, etc.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7517 mL	13.7586 mL	27.5171 mL
5 mM	0.5503 mL	2.7517 mL	5.5034 mL
10 mM	0.2752 mL	1.3759 mL	2.7517 mL
50 mM	0.055 mL	0.2752 mL	0.5503 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.

Reference

Gismondo MR, Drago L, Lombardi A, Fassina C, Cesana M. Impact of rufloxacin and ciprofloxacin on the intestinal microflora in a germ-free mice model. *Chemotherapy*. 1995 Jul-Aug;41(4):281-8. PubMed PMID: 7555209.

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