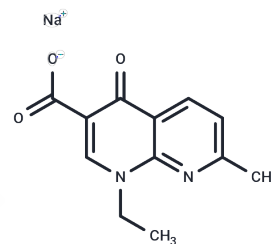


Nalidixic acid sodium salt

Chemical Properties

CAS No. :	3374-05-8
Formula:	C ₁₂ H ₁₁ N ₂ NaO ₃
Molecular Weight:	254.22
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Nalidixic acid sodium salt (Baktogram) is an antimicrobial agent with a limited bacteriocidal spectrum.
Targets(IC50)	Antibacterial,Antibiotic,Topoisomerase

Solubility Information

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

	1mg	5mg	10mg
1 mM	3.9336 mL	19.668 mL	39.336 mL
5 mM	0.7867 mL	3.9336 mL	7.8672 mL
10 mM	0.3934 mL	1.9668 mL	3.9336 mL
50 mM	0.0787 mL	0.3934 mL	0.7867 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

Jain A, Rajeswari MR. J Biomol Struct Dyn. 2002 Oct;20(2):291-9.

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