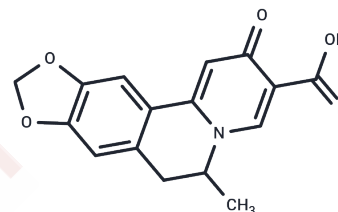


Ro 14-9578

## Chemical Properties

CAS No. : 100891-41-6  
 Formula: C<sub>16</sub>H<sub>13</sub>NO<sub>5</sub>  
 Molecular Weight: 299.28  
 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	Ro 14-9578 is an antibacterial agent in the class of tricyclic quinolone.
Targets(IC50)	Others, Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3414 mL	16.7068 mL	33.4135 mL
5 mM	0.6683 mL	3.3414 mL	6.6827 mL
10 mM	0.3341 mL	1.6707 mL	3.3414 mL
50 mM	0.0668 mL	0.3341 mL	0.6683 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.

## Reference

Georgopapadakou NH, Dix BA, Angehrn P, Wick A, Olson GL. Monocyclic and tricyclic analogs of quinolones: mechanism of action. Antimicrob Agents Chemother. 1987 Apr;31(4):614-6. PubMed PMID: 3037999; PubMed Central PMCID: PMC174788.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481