Data Sheet (Cat.No.T28574)

TargetMol

Ro 24-4383

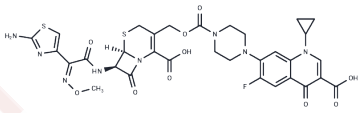
Chemical Properties

CAS No. : 135312-05-9

Formula: C32H31FN8O10S2

Molecular Weight: 770.76

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 24-4383 is a dual-action antibacterial agent linked by carbamate.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2974 mL	6.4871 mL	12.9742 mL
5 mM	0.2595 mL	1.2974 mL	2.5948 mL
10 mM	0.1297 mL	0.6487 mL	1.2974 mL
50 mM	0.0259 mL	0.1297 mL	0.2595 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, Bertasso A. Mechanisms of action of cephalosporin 3'-quinolone esters, carbamates, and tertiary amines in Escherichia coli. Antimicrob Agents Chemother. 1993 Mar;37(3):559-65. PubMed PMID: 8384817; PubMed Central PMCID: PMC187707.

Beskid G, Albrecht HA, Fallat V, Keith DD, Lipschitz ER, McGarry CM, McGarry DH, Rossman P, Siebelist J. In vitro and in vivo activity of carbamate-linked dual-action antibacterial Ro 24-4383. Chemotherapy. 1991;37(5):310-7. PubMed PMID: 1804592.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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