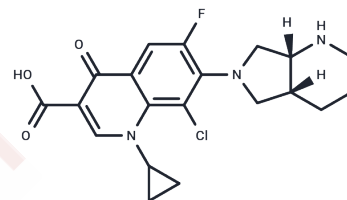


(R,R)-BAY-Y 3118

Chemical Properties

CAS No. : 151213-22-8
 Formula: C₂₀H₂₁ClFN₃O₃
 Molecular Weight: 405.85
 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	(R,R)-BAY-Y 3118, the R-enantiomer of BAY-Y 3118, exhibits weak bactericidal activity.
Targets(IC50)	Others,Antibacterial
In vitro	The chemical compound '(R,R)-BAY-Y 3118' exhibits bactericidal effectiveness, indicated by a log 1/C range of 5.65-7.47, against pathogens such as Escherichia coli, Pseudomonas aeruginosa, Staphylococcus aureus, and Enterococcus faecalis [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.464 mL	12.3198 mL	24.6396 mL
5 mM	0.4928 mL	2.464 mL	4.9279 mL
10 mM	0.2464 mL	1.232 mL	2.464 mL
50 mM	0.0493 mL	0.2464 mL	0.4928 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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