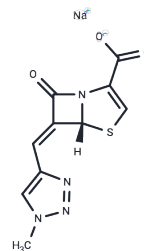


BRL-42715

Chemical Properties

CAS No. : 102209-75-6
 Formula: C₁₀H₇N₄NaO₃S
 Molecular Weight: 286.24
 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	BRL-42715 is an effective inhibitor of bacterial beta-lactamases.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4936 mL	17.4679 mL	34.9357 mL
5 mM	0.6987 mL	3.4936 mL	6.9871 mL
10 mM	0.3494 mL	1.7468 mL	3.4936 mL
50 mM	0.0699 mL	0.3494 mL	0.6987 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

Coleman K, et al. In vitro evaluation of BRL 42715, a novel beta-lactamase inhibitor. Antimicrob Agents Chemother. 1989 Sep;33(9):1580-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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