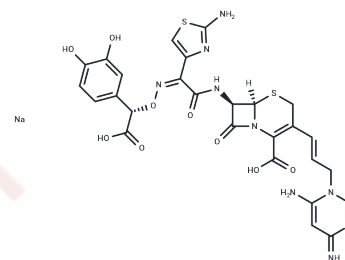


Antibiotic LB 10517

Chemical Properties

CAS No. :	175553-22-7
Formula:	C ₂₇ H ₂₅ N ₉ NaO ₉ S ₂
Molecular Weight:	706.66
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	Antibiotic LB 10517 is a catechol-substituted cephalosporin with a broad spectrum of antibacterial.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4151 mL	7.0755 mL	14.1511 mL
5 mM	0.283 mL	1.4151 mL	2.8302 mL
10 mM	0.1415 mL	0.7076 mL	1.4151 mL
50 mM	0.0283 mL	0.1415 mL	0.283 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

Song HK, Oh JI, Kim MY, Kim YZ, Kim IC, Kwak JH. In-vitro and in-vivo antibacterial activity of LB10517, a novel catechol-substituted cephalosporin with a broad antibacterial spectrum. J Antimicrob Chemother. 1996 Apr;37(4): 711-26. PubMed PMID: 8722537.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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