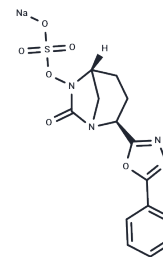


Antibacterial agent 44

Chemical Properties

CAS No. :	1426572-49-7
Formula:	C ₁₄ H ₁₃ N ₄ NaO ₆ S
Molecular Weight:	388.33
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	Antibacterial agent 44 is a novel antibacterial compound (WO2013030735A1, example 7). It exhibits potent antibacterial activity and is suitable for research purposes related to the study of bacterial infections.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5751 mL	12.8756 mL	25.7513 mL
5 mM	0.515 mL	2.5751 mL	5.1503 mL
10 mM	0.2575 mL	1.2876 mL	2.5751 mL
50 mM	0.0515 mL	0.2575 mL	0.515 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

Bhagwat, et. al. 1,6- diazabicyclo [3,2,1] octan- 7 - one derivatives and their use in the treatment of bacterial infections. WO2013030735A1.

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