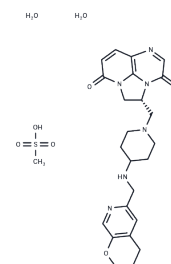


Gepotidacin mesylate dihydrate

Chemical Properties

CAS No. :	1624306-20-2
Formula:	C ₂₅ H ₃₆ N ₆ O ₈ S
Molecular Weight:	580.66
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Gepotidacin mesylate dihydrate, also known as GSK-2140944 mesylate dihydrate, is a potent Type II DNA topoisomerase inhibitor. Gepotidacin mesylate dihydrate is a novel antibacterial drug candidate. Gepotidacin mesylate dihydrate Demonstrates Absence of Fluoroquinolone-Like Arthropathy in Juvenile Rats. Gepotidacin mesylate dihydrate is efficacious in a nonhuman primate model of pneumonic plague. When tested against Gram-negative (n = 333) and Gram-positive (n = 225) anaerobes by agar dilution, Gepotidacin mesylate dihydrate inhibited 90% of isolates at concentrations of 4 and 2 µg/mL, respectively.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7222 mL	8.6109 mL	17.2218 mL
5 mM	0.3444 mL	1.7222 mL	3.4444 mL
10 mM	0.1722 mL	0.8611 mL	1.7222 mL
50 mM	0.0344 mL	0.1722 mL	0.3444 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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