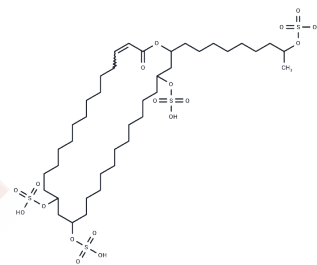


Dotriacolide

Chemical Properties

CAS No. :	80994-06-5
Formula:	C ₄₀ H ₇₆ O ₁₈ S ₄
Molecular Weight:	973.281
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	Dotriacolide is a β -lactamase inhibitor with notable inhibitory activity against penicillinase and cephalosporinase, displaying ID ₅₀ values of 0.61 μ g/mL and 0.15 μ g/mL respectively. It holds potential for research in infectious diseases.
Targets(IC ₅₀)	Antibacterial, Beta-lactamase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0275 mL	5.1373 mL	10.2745 mL
5 mM	0.2055 mL	1.0275 mL	2.0549 mL
10 mM	0.1027 mL	0.5137 mL	1.0275 mL
50 mM	0.0205 mL	0.1027 mL	0.2055 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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