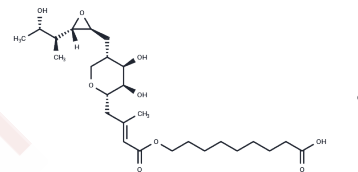


Mupirocin calcium

Chemical Properties

CAS No. :	104486-81-9
Formula:	C ₂₆ H ₄₄ O ₉ .1/2Ca
Molecular Weight:	519.65
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	Mupirocin calcium (BRL-4910A, Pseudomononic acid), an orally active antibiotic derived from <i>Pseudomonas fluorescens</i> , exerts its antimicrobial effects by reversibly inhibiting isoleucyl-transfer RNA. This action impedes bacterial protein and RNA synthesis, demonstrating its effectiveness [1] [2].
Targets(IC50)	Others,Antibacterial,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9244 mL	9.6219 mL	19.2437 mL
5 mM	0.3849 mL	1.9244 mL	3.8487 mL
10 mM	0.1924 mL	0.9622 mL	1.9244 mL
50 mM	0.0385 mL	0.1924 mL	0.3849 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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