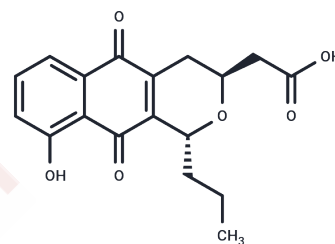


Deoxyfrenolicin

Chemical Properties

CAS No. : 10023-11-7
 Formula: C₁₈H₁₈O₆
 Molecular Weight: 330.332
 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	Deoxyfrenolicin is a quinone antibiotic that can be isolated from the fermentation broth of the <i>Streptomyces roseofulvus</i> strain AM-3867 and belongs to the frenolicin class of antibiotics. This compound exhibits in vitro antibacterial activity and is effective in inhibiting the activity of <i>Mycoplasma gallisepticum</i> .
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0273 mL	15.1364 mL	30.2728 mL
5 mM	0.6055 mL	3.0273 mL	6.0546 mL
10 mM	0.3027 mL	1.5136 mL	3.0273 mL
50 mM	0.0605 mL	0.3027 mL	0.6055 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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