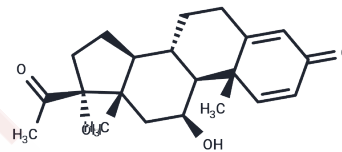


Deprodone

Chemical Properties

CAS No. :	20423-99-8
Formula:	C ₂₁ H ₂₈ O ₄
Molecular Weight:	344.44
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	Deprodone is an active compound that inhibits key processes such as bacterial cell wall synthesis by interacting with hydrolase and transferase proteins of methicillin-resistant Staphylococcus aureus (MRSA). It is applied in the research of MRSA infections, inflammatory skin diseases, intestinal disorders, and fatty acid metabolism disorders.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9033 mL	14.5163 mL	29.0326 mL
5 mM	0.5807 mL	2.9033 mL	5.8065 mL
10 mM	0.2903 mL	1.4516 mL	2.9033 mL
50 mM	0.0581 mL	0.2903 mL	0.5807 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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