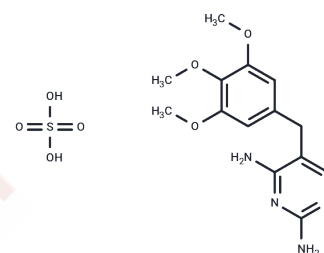


Trimethoprim sulfate

Chemical Properties

CAS No. :	56585-33-2
Formula:	C ₂₈ H ₃₈ N ₈ O ₁₀ S
Molecular Weight:	678.72
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	Trimethoprim sulfate is a pyrimidine inhibitor of dihydrofolate reductase, it is an antibacterial related to PYRIMETHAMINE. The interference with folic acid metabolism may cause a depression of hematopoiesis. It is potentiated by SULFONAMIDES and the TRIMETHOPRIM-SULFAMETHOXAZOLE COMBINATION is the form most often used. It is sometimes used alone as an antimalarial. TRIMETHOPRIM RESISTANCE has been reported.
Targets(IC50)	Others,Antifolate,Antibacterial,Antibiotic,Influenza Virus

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4734 mL	7.3668 mL	14.7336 mL
5 mM	0.2947 mL	1.4734 mL	2.9467 mL
10 mM	0.1473 mL	0.7367 mL	1.4734 mL
50 mM	0.0295 mL	0.1473 mL	0.2947 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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