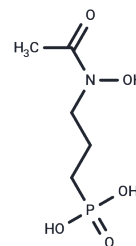


FR900098

Chemical Properties

CAS No. : 66508-32-5
 Formula: C₅H₁₂NO₅P
 Molecular Weight: 197.13
 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	FR900098 is an antimalarial agent that inhibits 1-deoxy-D-xylulose-5-phosphate (DXP) reductoisomerase. It exhibits no significant acute toxicity or genotoxicity and does not have the capability to cause chromosomal breaks or heterogeneity. Additionally, FR900098 has no impact on the bone marrow erythrocytes of NMRI mice.
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0728 mL	25.364 mL	50.7279 mL
5 mM	1.0146 mL	5.0728 mL	10.1456 mL
10 mM	0.5073 mL	2.5364 mL	5.0728 mL
50 mM	0.1015 mL	0.5073 mL	1.0146 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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