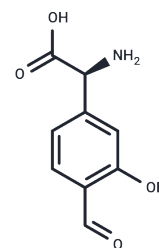


## Forphenicine

## Chemical Properties

CAS No. :	57784-96-0
Formula:	C <sub>9</sub> H <sub>9</sub> NO <sub>4</sub>
Molecular Weight:	195.17
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	Forphenicine is a bacterial metabolite that has been found in <i>S. fulvoviridis</i> and an inhibitor of alkaline phosphatase (IC <sub>50</sub> = 0.036 µg/ml for the chicken intestine enzyme). It inhibits the growth of HL-60 leukemia cells when used at a concentration of 10 µM. Forphenicine (50 and 500 µg/animal) increases survival in a guinea pig model of experimental autoimmune encephalomyelitis (EAE).
Targets(IC50)	Others,Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1237 mL	25.6187 mL	51.2374 mL
5 mM	1.0247 mL	5.1237 mL	10.2475 mL
10 mM	0.5124 mL	2.5619 mL	5.1237 mL
50 mM	0.1025 mL	0.5124 mL	1.0247 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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