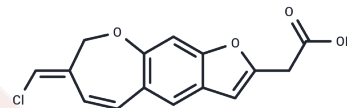


Pterulinic acid

Chemical Properties

CAS No. :	190143-30-7
Formula:	C ₁₅ H ₁₁ ClO ₄
Molecular Weight:	290.70
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	Pterulinic acid is an inhibitor of coenzyme I:coenzyme Q oxidoreductase. It demonstrates IC ₅₀ values (µg/mL) of 50 for the mammalian cell line L1210, 20 for HL60, 25 for HeLaS3, and 100 for BHK.
Targets(IC ₅₀)	Reductase,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.440 mL	17.1999 mL	34.3997 mL
5 mM	0.688 mL	3.440 mL	6.8799 mL
10 mM	0.344 mL	1.720 mL	3.440 mL
50 mM	0.0688 mL	0.344 mL	0.688 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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