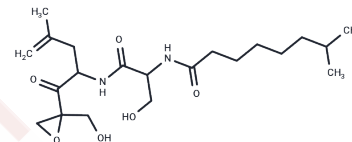


## Epopromycin A

## Chemical Properties

CAS No. :	153540-55-7
Formula:	C <sub>21</sub> H <sub>36</sub> N <sub>2</sub> O <sub>6</sub>
Molecular Weight:	412.52
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	Epopromycin A inhibits the cell wall synthesis of lettuce protoplasts, demonstrating herbicidal activity. In B16 melanoma cells, Epopromycin A exhibits cytotoxicity with an IC <sub>50</sub> of 0.003 µg/mL.
Targets(IC <sub>50</sub> )	Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4241 mL	12.1206 mL	24.2412 mL
5 mM	0.4848 mL	2.4241 mL	4.8482 mL
10 mM	0.2424 mL	1.2121 mL	2.4241 mL
50 mM	0.0485 mL	0.2424 mL	0.4848 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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