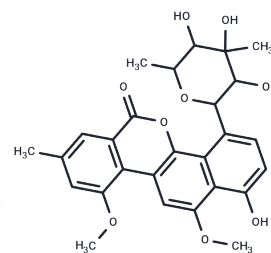


## Chrysomycin B

## Chemical Properties

CAS No. :	83852-56-6
Formula:	C <sub>27</sub> H <sub>28</sub> O <sub>9</sub>
Molecular Weight:	496.51
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	Chrysomycin B is an antibiotic isolated from <i>Streptomyces</i> sp. that induces DNA damage and inhibits topoisomerase II in the human lung adenocarcinoma (A549) cell line.
Targets(IC50)	Others,Antibacterial,Antibiotic

## Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0141 mL	10.0703 mL	20.1406 mL
5 mM	0.4028 mL	2.0141 mL	4.0281 mL
10 mM	0.2014 mL	1.007 mL	2.0141 mL
50 mM	0.0403 mL	0.2014 mL	0.4028 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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