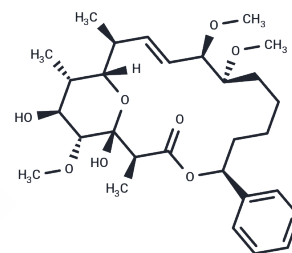


## Soraphen A

## Chemical Properties

CAS No. :	122547-72-2
Formula:	C <sub>29</sub> H <sub>44</sub> O <sub>8</sub>
Molecular Weight:	520.65
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	Soraphen A ((-)-Soraphen A; Soraphen A1 $\alpha$ ), a polyketide fungal inhibitor, actively targets acetyl-CoA carboxylase (ACC1) in vivo. It can be isolated from Myxobacter cellulosum [1].
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9207 mL	9.6034 mL	19.2068 mL
5 mM	0.3841 mL	1.9207 mL	3.8414 mL
10 mM	0.1921 mL	0.9603 mL	1.9207 mL
50 mM	0.0384 mL	0.1921 mL	0.3841 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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