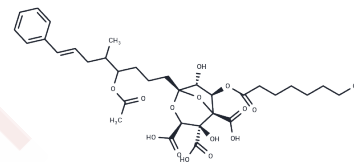


## Zaragozic acid D

## Chemical Properties

|                   |                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. :         | 155179-14-9                                                                                                         |
| Formula:          | C <sub>34</sub> H <sub>46</sub> O <sub>14</sub>                                                                     |
| Molecular Weight: | 678.72                                                                                                              |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |                                                                                                                                             |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Description   | Zaragozic acid D inhibits squalene synthase and ras farnesyl-protein transferase isolated from the keratinophilic fungus Amauroascus niger. |
| Targets(IC50) | Others,Transferase                                                                                                                          |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.4734 mL | 7.3668 mL | 14.7336 mL |
| 5 mM  | 0.2947 mL | 1.4734 mL | 2.9467 mL  |
| 10 mM | 0.1473 mL | 0.7367 mL | 1.4734 mL  |
| 50 mM | 0.0295 mL | 0.1473 mL | 0.2947 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.

## Reference

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- Harwood HJ Jr. Protein farnesyltransferase: measurement of enzymatic activity in 96-well format using TopCount microplate scintillation counting technology. *Anal Biochem*. 1995 Apr 10;226(2):268-78. PubMed PMID: 7793628.
- Dufresne C, Wilson KE, Singh SB, Zink DL, Bergstrom JD, Rew D, Polishook JD, Mainz M, Huang L, Silverman KC, et al. Zaragozic acids D and D2: potent inhibitors of squalene synthase and of Ras farnesyl-protein transferase. *J Nat Prod*. 1993 Nov;56(11):1923-9. PubMed PMID: 8289063.

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