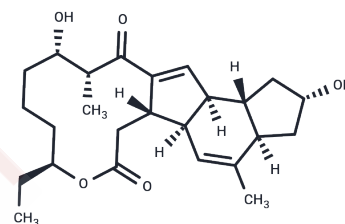


## Spinosyn D aglycone

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 149439-79-2   |
| Formula:          | C <sub>25</sub> H <sub>36</sub> O <sub>5</sub>  |
| Molecular Weight: | 416.55  |
| 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                | Spinosyn Daglycone (A-83543D aglycone) is an aglycone form of the insecticide Spinosyn D. Unlike Spinosyn D, Spinosyn Daglycone is not harmful to neonate larvae of <i>H. virescens</i> (tobacco budworm) with an LC <sub>50</sub> of greater than 64 ppm. |
| Targets(IC <sub>50</sub> ) | Parasite   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.4007 mL | 12.0034 mL | 24.0067 mL |
| 5 mM  | 0.4801 mL | 2.4007 mL  | 4.8013 mL  |
| 10 mM | 0.2401 mL | 1.2003 mL  | 2.4007 mL  |
| 50 mM | 0.048 mL  | 0.2401 mL  | 0.4801 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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