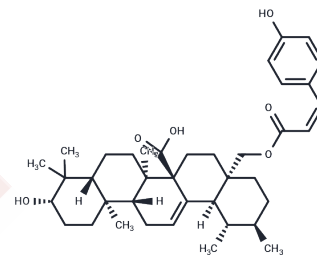


## Karenin

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 165171-15-3   |
| Formula:          | C <sub>39</sub> H <sub>54</sub> O <sub>6</sub>  |
| Molecular Weight: | 618.84  |
| 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   | Karenin is a bioactive chemical. |
| Targets(IC50) | Others                           |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.6159 mL | 8.0796 mL | 16.1593 mL |
| 5 mM  | 0.3232 mL | 1.6159 mL | 3.2319 mL  |
| 10 mM | 0.1616 mL | 0.808 mL  | 1.6159 mL  |
| 50 mM | 0.0323 mL | 0.1616 mL | 0.3232 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

Siddiqui BS, Begum S, Siddiqui S, Lichter W. Two cytotoxic pentacyclic triterpenoids from Nerium oleander. *Phytochemistry*. 1995 May;39(1):171-4. PubMed PMID: 7786484.

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