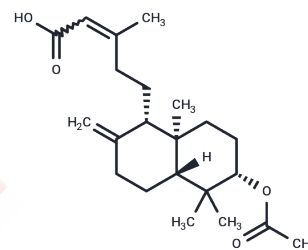


## 3-Acetoxy-8(17),13E-labdadien-15-oic acid

### Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 63399-37-1  |
| Formula:          | C <sub>22</sub> H <sub>34</sub> O <sub>4</sub>  |
| Molecular Weight: | 362.51  |
| 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   | ent-3-Acetoxy-labda-8(17),13-dien-15-oic acid have vasorelaxant and hypotensive actions, the mechanisms underlying the cardiovascular actions of the labdane involve the activation of the endothelial NO-cGMP pathway, the opening of K <sup>+</sup> channels and the alteration on Ca <sup>2+</sup> mobilization. |
| Targets(IC50) | cAMP,Calcium Channel,Potassium Channel  |

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.7585 mL | 13.7927 mL | 27.5854 mL |
| 5 mM  | 0.5517 mL | 2.7585 mL  | 5.5171 mL  |
| 10 mM | 0.2759 mL | 1.3793 mL  | 2.7585 mL  |
| 50 mM | 0.0552 mL | 0.2759 mL  | 0.5517 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.

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