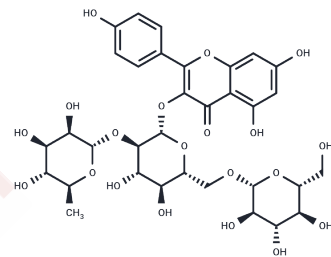


## Plantanone B

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 55780-30-8  |
| Formula:          | C33H40O20   |
| Molecular Weight: | 756.663   |
| 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   | Plantanone C exhibited moderate antioxidant activity against DPPH radical scavenging activity, with an IC50 value of 240.2 $\mu\text{mol}\cdot\text{L}^{-1}$ . |
| Targets(IC50) | COX  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 1.3216 mL | 6.608 mL  | 13.216 mL |
| 5 mM  | 0.2643 mL | 1.3216 mL | 2.6432 mL |
| 10 mM | 0.1322 mL | 0.6608 mL | 1.3216 mL |
| 50 mM | 0.0264 mL | 0.1322 mL | 0.2643 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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