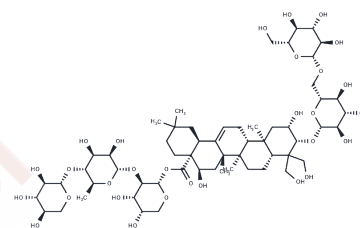


## Deapi-platycodin D3

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 67884-05-3  |
| Formula:          | C <sub>58</sub> H <sub>94</sub> O <sub>29</sub>   |
| Molecular Weight: | 1255.35   |
| 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   | Deapi-platycodin D3 is a natural product isolate from the root of <i>Platycodon grandiflorum</i> . |
| Targets(IC50) | Others   |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 27.5 mg/mL (21.91 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.7966 mL | 3.983 mL  | 7.9659 mL |
| 5 mM  | 0.1593 mL | 0.7966 mL | 1.5932 mL |
| 10 mM | 0.0797 mL | 0.3983 mL | 0.7966 mL |
| 50 mM | 0.0159 mL | 0.0797 mL | 0.1593 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

Wei L , Wei Z , Lan X , et al. Platycoside N: A New Oleanane-Type Triterpenoid Saponin from the Roots of *Platycodon grandiflorum*[J]. *Molecules*, 2010, 15(12):8702-8708.

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