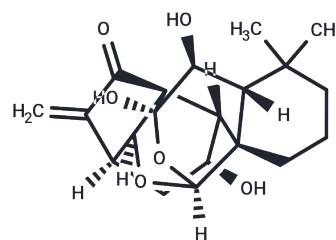


## Macrocalin B

### Chemical Properties

CAS No. : 93781-75-0  
Formula: C<sub>20</sub>H<sub>26</sub>O<sub>6</sub>  
Molecular Weight: 362.422  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| Description | Macrocalin B is a diterpenoid against tumor cell proliferation and telomerase activity. |
|-------------|-----------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.7592 mL | 13.7961 mL | 27.5923 mL |
| 5 mM  | 0.5518 mL | 2.7592 mL  | 5.5185 mL  |
| 10 mM | 0.2759 mL | 1.3796 mL  | 2.7592 mL  |
| 50 mM | 0.0552 mL | 0.2759 mL  | 0.5518 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.

### Reference

Yang Y, Sun H, Zhou Y, Ji S, Li M. Effects of three diterpenoids on tumour cell proliferation and telomerase activity. Nat Prod Res. 2009;23(11):1007-12. doi: 10.1080/14786410802295149. PubMed PMID: 19521915.

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