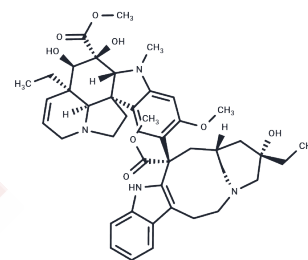


## Desacetylvinblastine

### Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 3352-69-0   |
| Formula:          | C44H56N4O8  |
| Molecular Weight: | 768.937   |
| 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   | Desacetylvinblastine (4-Desacetylvinblastine) is a primary metabolite of vinblastine and functions as a cytotoxic agent. While its antitumor efficacy is limited when used alone, it can exhibit significant antitumor activity when involved as part of specific conjugates. |
| Targets(IC50) | Drug Metabolite   |

### Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.3005 mL | 6.5025 mL | 13.0049 mL |
| 5 mM  | 0.2601 mL | 1.3005 mL | 2.601 mL   |
| 10 mM | 0.130 mL  | 0.6502 mL | 1.3005 mL  |
| 50 mM | 0.026 mL  | 0.130 mL  | 0.2601 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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