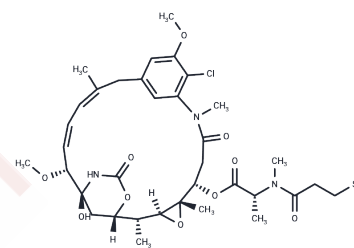


## DM1 Impurity

## Chemical Properties

CAS No. : 936481-22-0  
 Formula: C<sub>35</sub>H<sub>48</sub>ClN<sub>3</sub>O<sub>10</sub>S  
 Molecular Weight: 738.29  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

|               |  |
|---------------|--|
| Description   | DM1 Impurity is a byproduct found in Mertansine (DM1). |
| Targets(IC50) | Microtubule Associated                                 |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.3545 mL | 6.7724 mL | 13.5448 mL |
| 5 mM  | 0.2709 mL | 1.3545 mL | 2.709 mL   |
| 10 mM | 0.1354 mL | 0.6772 mL | 1.3545 mL  |
| 50 mM | 0.0271 mL | 0.1354 mL | 0.2709 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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