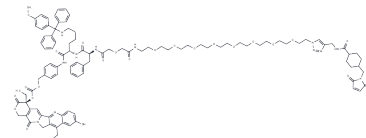


## CL2-MMT-SN38

### Chemical Properties

CAS No. : 1084888-82-3  
Formula: C102H122N12O24  
Molecular Weight: 1900.158  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



### Biological Description

|             |                                                                                                                                                          |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | CL2-MMT-SN38 is a derivative of SN-38, which is a potent anticancer agent and the active metabolite of Irinotecan (CPT-11), a Topoisomerase I inhibitor. |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

### Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.5263 mL | 2.6314 mL | 5.2627 mL |
| 5 mM  | 0.1053 mL | 0.5263 mL | 1.0525 mL |
| 10 mM | 0.0526 mL | 0.2631 mL | 0.5263 mL |
| 50 mM | 0.0105 mL | 0.0526 mL | 0.1053 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

Moon SJ, et al. Antibody conjugates of 7-ethyl-10-hydroxycamptothecin (SN-38) for targeted cancer chemotherapy. J Med Chem. 2008;51(21):6916-6926.

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