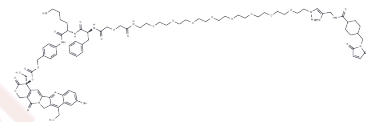


CL2-SN-38

## Chemical Properties

CAS No. : 1036969-20-6  
 Formula: C82H106N12O23  
 Molecular Weight: 1627.79  
 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   | CL2-SN-38, a part of the antibody-drug conjugate (ADC), can conjugate with the anti-Trop-2-humanized antibody hRS7. SN-38 is an inhibitor of DNA topoisomerase I. |
| Targets(IC50) | Drug-Linker Conjugates for ADC  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.6143 mL | 3.0716 mL | 6.1433 mL |
| 5 mM  | 0.1229 mL | 0.6143 mL | 1.2287 mL |
| 10 mM | 0.0614 mL | 0.3072 mL | 0.6143 mL |
| 50 mM | 0.0123 mL | 0.0614 mL | 0.1229 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

Cardillo TM, et al. Humanized anti-Trop-2 IgG-SN-38 conjugate for effective treatment of diverse epithelial cancers: preclinical studies in human cancer xenograft models and monkeys. Clin Cancer Res. 2011 May 15;17(10): 3157-69.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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