

CL2E-SN38 TFA

Chemical Properties

CAS No. :

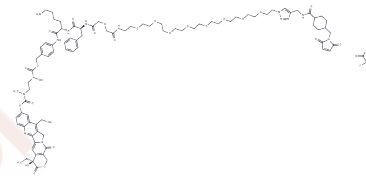
Formula: C89H117F3N14O26

Molecular Weight: 1855.95

Keep away from direct sunlight

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 | CL2E-SN38 TFA, a structurally stable and highly releasable antibody drug conjugate (ADC), comprises SN-38, the active metabolite of Irinotecan derived from camptothecins, known for its Topoisomerase I inhibitory activity. |
| Targets(IC50) | Drug-Linker Conjugates for ADC |

Solubility Information

Solubility DMSO: 80 mg/mL (43.1 mM), Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.5388 mL | 2.694 mL | 5.3881 mL |
| 5 mM | 0.1078 mL | 0.5388 mL | 1.0776 mL |
| 10 mM | 0.0539 mL | 0.2694 mL | 0.5388 mL |
| 50 mM | 0.0108 mL | 0.0539 mL | 0.1078 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

Lianqi Liu, et al. Synthesis and evaluation of highly releasable and structurally stable antibody-SN-38-conjugates. Drug Deliv. 2021 Dec;28(1):2603-2617.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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