

CL2E-SN38 TFA

Chemical Properties

CAS No. :

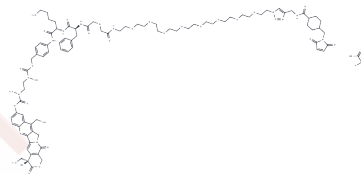
Formula: C89H117F3N14O26

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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481