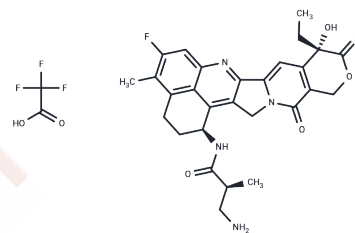


NH<sub>2</sub>-methylpropanamide-Exatecan TFA

## Chemical Properties

CAS No. :	1817857-35-4
Formula:	C <sub>30</sub> H <sub>30</sub> F <sub>4</sub> N <sub>4</sub> O <sub>7</sub>
Molecular Weight:	634.58
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	Exatecan TFA, a methylpropanamide-modified derivative of the common ADC cytotoxin Exatecan, serves as a DNA topoisomerase I inhibitor with an IC <sub>50</sub> of 2.2 μM (0.975 μg/mL), utilized in the synthesis of ADCs for cancer research [1].
Targets(IC <sub>50</sub> )	ADC Cytotoxin, Topoisomerase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5758 mL	7.8792 mL	15.7585 mL
5 mM	0.3152 mL	1.5758 mL	3.1517 mL
10 mM	0.1576 mL	0.7879 mL	1.5758 mL
50 mM	0.0315 mL	0.1576 mL	0.3152 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481