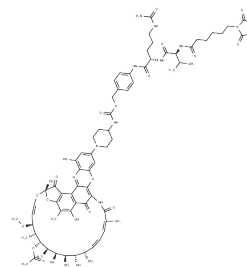


MC-VC-PABC-DNA31

Chemical Properties

| | |
|-------------------|--|
| CAS No. : | 1639352-03-6 |
| Formula: | C77H96N10O21 |
| Molecular Weight: | 1497.664 |
| Storage: | Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|---------------|--|
| Description | MC-VC-PABC-DNA31 is a drug-linker conjugate designed for Antibody-Drug Conjugates (ADC), exhibiting potent antitumor activity. It utilizes DNA31, a powerful inhibitor of RNA polymerase, connected via the MC-VC-PABC ADC linker. |
| Targets(IC50) | Drug-Linker Conjugates for ADC, PROTAC Linker |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.6677 mL | 3.3385 mL | 6.6771 mL |
| 5 mM | 0.1335 mL | 0.6677 mL | 1.3354 mL |
| 10 mM | 0.0668 mL | 0.3339 mL | 0.6677 mL |
| 50 mM | 0.0134 mL | 0.0668 mL | 0.1335 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

Staben LR, et al. Targeted drug delivery through the traceless release of tertiary and heteroaryl amines from antibody-drug conjugates. Nat Chem. 2016 Dec;8(12):1112-1119.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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