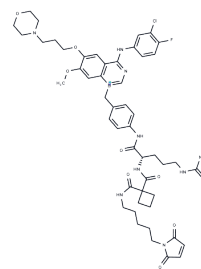


MC-Sq-Cit-PAB-Gefitinib

Chemical Properties

CAS No. :	1941168-63-3
Formula:	C50H61ClFN10O9
Molecular Weight:	1000.53
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-Sq-Cit-PAB-Gefitinib is a potent antitumor drug-linker conjugate for Antibody-Drug Conjugates (ADC), utilizing Gefitinib—an EGFR tyrosine kinase inhibitor—connected through the MC-Sq-Cit-PAB ADC linker.
Targets(IC50)	Drug-Linker Conjugates for ADC, PROTAC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9995 mL	4.9974 mL	9.9947 mL
5 mM	0.1999 mL	0.9995 mL	1.9989 mL
10 mM	0.0999 mL	0.4997 mL	0.9995 mL
50 mM	0.020 mL	0.0999 mL	0.1999 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

FLYGARE, John A, et al. Quaternary amine compounds and antibody-drug conjugates thereof. WO2016090050A1.
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.

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