

DGN549-L

## Chemical Properties

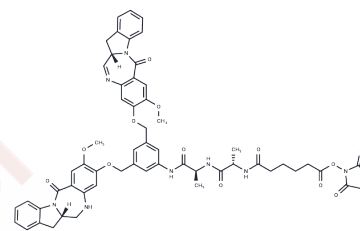
CAS No. : 1884276-68-9

Formula: C<sub>58</sub>H<sub>58</sub>N<sub>8</sub>O<sub>13</sub>

Molecular Weight: 1075.145

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	DGN549-L is a DNA alkylator that enables antibody conjugation at lysine residues, making it ideal for antibody-drug conjugate (ADC) synthesis.
Targets(IC50)	Drug-Linker Conjugates for ADC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9301 mL	4.6505 mL	9.301 mL
5 mM	0.186 mL	0.9301 mL	1.8602 mL
10 mM	0.093 mL	0.4651 mL	0.9301 mL
50 mM	0.0186 mL	0.093 mL	0.186 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

Bai C, et al. Site-Specific Conjugation of the Indolinobenzodiazepine DGN549 to Antibodies Affords Antibody-Drug Conjugates with an Improved Therapeutic Index as Compared with Lysine Conjugation. *Bioconjug Chem.* 2020;31(1):93-103.

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