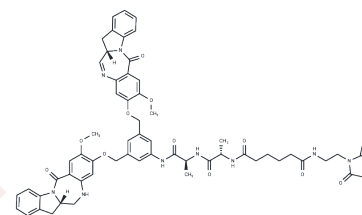


DGN549-C

Chemical Properties

CAS No. : 2058075-34-4
 Formula: C₆₀H₆₁N₉O₁₂
 Molecular Weight: 1100.199
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	DGN549-C is a novel compound featuring a cleavable ADC (antibody-drug conjugate) linker composed of valine-alanine (va) and a PBD (pyrrolobenzodiazepine) dimer. This compound possesses a unique DNA-alkylating cytotoxic payload, DGN549, which is utilized in the development of ADCs.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9089 mL	4.5446 mL	9.0893 mL
5 mM	0.1818 mL	0.9089 mL	1.8179 mL
10 mM	0.0909 mL	0.4545 mL	0.9089 mL
50 mM	0.0182 mL	0.0909 mL	0.1818 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.

Reference

Chen Bai, 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*

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