

## Gly-Gly-Gly-PEG4-DBCO

## Chemical Properties

CAS No. : 2353409-80-8

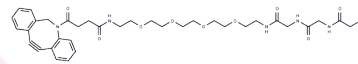
Formula: C<sub>35</sub>H<sub>46</sub>N<sub>6</sub>O<sub>9</sub>

Molecular Weight: 694.77

Store at low temperature, Keep away from moisture

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	Gly-Gly-Gly-PEG4-DBCO is a degradable ADC linker containing 4 units of PEG, which can be used to synthesize antibody-conjugated active molecules (ADCs).
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

## Solubility Information

Solubility	Methanol: 50 mg/mL (71.97 mM), Sonication is recommended. DMSO: 80 mg/mL (115.15 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4393 mL	7.1966 mL	14.3933 mL
5 mM	0.2879 mL	1.4393 mL	2.8787 mL
10 mM	0.1439 mL	0.7197 mL	1.4393 mL
50 mM	0.0288 mL	0.1439 mL	0.2879 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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