

## Fmoc-Ala-Ala-Asn(Trt)-OH

## Chemical Properties

CAS No. : 1951424-92-2

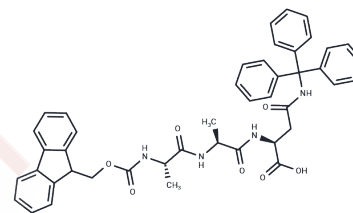
Formula: C44H42N4O7

Molecular Weight: 738.83

Keep away from direct sunlight

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	Fmoc-Ala-Ala-Asn(Trt)-OH, a cleavable linker essential in ADC (Antibody-Drug Conjugate) synthesis, facilitates the attachment of cytotoxic drugs to antibodies for precise delivery to targeted cells or proteins. Its cleavable properties ensure controlled drug release, thereby optimizing the efficacy of the ADC.
Targets(IC50)	ADC Linker, PROTAC Linker
In vitro	ADCs consist of an antibody attached to an ADC cytotoxin through an ADC linker.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3535 mL	6.7675 mL	13.5349 mL
5 mM	0.2707 mL	1.3535 mL	2.707 mL
10 mM	0.1353 mL	0.6767 mL	1.3535 mL
50 mM	0.0271 mL	0.1353 mL	0.2707 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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