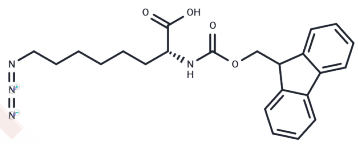
Data Sheet (Cat.No.T38578)

TargetMol

(R)-8-Azido-2-(Fmoc-amino)octanoic acid

Chemical Properties



CAS No. : 1191429-18-1

Formula: C23H26N4O4

Molecular Weight: 422.485

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	(R)-8-Azido-2-(Fmoc-amino)octanoic acid, a non-cleavable ADC linker, is used in the synthesis of antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3669 mL	11.8346 mL	23.6692 mL
5 mM	0.4734 mL	2.3669 mL	4.7338 mL
10 mM	0.2367 mL	1.1835 mL	2.3669 mL
50 mM	0.0473 mL	0.2367 mL	0.4734 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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481