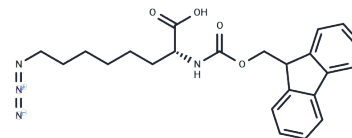


(R)-8-Azido-2-(Fmoc-amino)octanoic acid

Chemical Properties

CAS No. :	1191429-18-1
Formula:	C ₂₃ H ₂₆ N ₄ O ₄
Molecular Weight:	422.485
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(R)-8-Azido-2-(Fmoc-amino)octanoic acid, a non-cleavable ADC linker, is employed in the synthesis of antibody-drug conjugates (ADCs).
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through 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.

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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