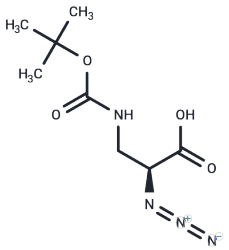
Data Sheet (Cat.No.T89806)

TargetMol

N3-L-Dap(Boc)-OH

Chemical Properties



CAS No. : 1932432-15-9

Formula: C8H14N4O4

Molecular Weight: 230.22

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	N3-L-Dap(Boc)-OH is a click chemistry reagent featuring an azide group. Click chemistry is a robust set of reactions known for excellent biocompatibility, rapidity, and high specificity in biological environments. This reagent can participate in copper-catalyzed azide-alkyne cycloaddition reactions (CuAAc) with molecules that contain an alkyne group. It is also capable of strain-promoted alkyne-azide cycloaddition reactions (SPAAC) with molecules possessing DBCO or BCN groups.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3437 mL	21.7184 mL	43.4367 mL
5 mM	0.8687 mL	4.3437 mL	8.6873 mL
10 mM	0.4344 mL	2.1718 mL	4.3437 mL
50 mM	0.0869 mL	0.4344 mL	0.8687 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.

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