

Kdo Azide

Chemical Properties

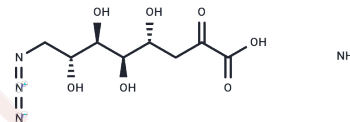
CAS No. : 1380099-68-2

Formula: C₈H₁₆N₄O₇

Molecular Weight: 280.24

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	Kdo Azide is a metabolic labeling reagent and a click chemistry reagent that contains an azide group, enabling it to participate in copper-catalyzed azide-alkyne cycloaddition (CuAAC) with alkyne-containing molecules. Additionally, it can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing DBCO or BCN groups.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5684 mL	17.8418 mL	35.6837 mL
5 mM	0.7137 mL	3.5684 mL	7.1367 mL
10 mM	0.3568 mL	1.7842 mL	3.5684 mL
50 mM	0.0714 mL	0.3568 mL	0.7137 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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