

DACN(Tos,Suc-OH)

Chemical Properties

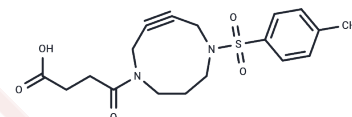
CAS No. : 2109751-68-8

Formula: C₁₈H₂₂N₂O₅S

Molecular Weight: 378.44

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	DACN(Tos,Suc-OH) is a click chemistry reagent featuring a cycloalkyne group. The cycloalkyne unit exhibits a uniquely curved structure and high reactivity towards cycloaddition reactions. Employing cycloalkynes, the strain-promoted azide-alkyne cycloaddition (SPAAC) process has been effectively used for reliable molecular conjugation across various fields. Nitrogen serves as a linkage point for diverse functional units in this context. Additionally, DACN demonstrates considerable click-reactivity, along with enhanced thermal and chemical stability.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6424 mL	13.2121 mL	26.4243 mL
5 mM	0.5285 mL	2.6424 mL	5.2849 mL
10 mM	0.2642 mL	1.3212 mL	2.6424 mL
50 mM	0.0528 mL	0.2642 mL	0.5285 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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