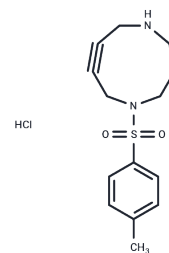


DACN(Tos) hydrochloride

Chemical Properties

CAS No. :	2331322-18-8
Formula:	C ₁₄ H ₁₉ ClN ₂ O ₂ S
Molecular Weight:	314.83
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) hydrochloride is a click chemistry reagent featuring a cycloalkyne group. The cycloalkynes distinct bent structure enhances its reactivity in cycloaddition reactions, such as the strain-promoted azide-alkyne cycloaddition (SPAAC). DACNs exhibit high thermal and chemical stability, along with substantial click reactivity. This compound is utilized in studies of molecular conjugation.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1763 mL	15.8816 mL	31.7632 mL
5 mM	0.6353 mL	3.1763 mL	6.3526 mL
10 mM	0.3176 mL	1.5882 mL	3.1763 mL
50 mM	0.0635 mL	0.3176 mL	0.6353 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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