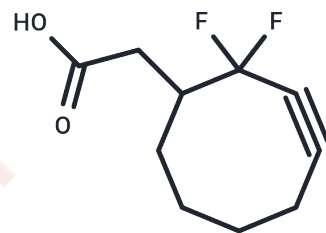


Difluorocyclooctyne-CH₂-COOH

Chemical Properties

CAS No. :	1047997-31-8
Formula:	C ₁₀ H ₁₂ F ₂ O ₂
Molecular Weight:	202.2
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	Difluorocyclooctyne-CH ₂ -COOH, a difluorinated cyclooctyne (DIFO) analogue, facilitates imaging of glycans on live cells by rapidly reacting with azides without requiring copper catalysis. This characteristic makes it an effective tool for bioorthogonal conjugation in live cell studies.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9456 mL	24.728 mL	49.456 mL
5 mM	0.9891 mL	4.9456 mL	9.8912 mL
10 mM	0.4946 mL	2.4728 mL	4.9456 mL
50 mM	0.0989 mL	0.4946 mL	0.9891 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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