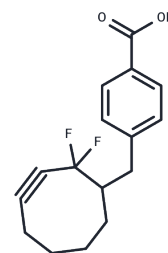


Difluorocyclooctyne-CH₂-benzoic acid

Chemical Properties

CAS No. : 1047997-30-7
 Formula: C₁₆H₁₆F₂O₂
 Molecular Weight: 278.29
 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 -benzoic acid is a difluorinated cyclooctyne (DIFO) analog employed for imaging glycans on live cells. The Difluorocyclooctyne-CH ₂ -COOH (DIFO) reagent reacts swiftly with azides in living cells without the need for copper catalysis.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5934 mL	17.9669 mL	35.9337 mL
5 mM	0.7187 mL	3.5934 mL	7.1867 mL
10 mM	0.3593 mL	1.7967 mL	3.5934 mL
50 mM	0.0719 mL	0.3593 mL	0.7187 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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