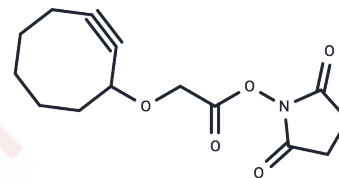


Cyclooctyne-O-NHS ester

Chemical Properties

CAS No. : 1425803-45-7
 Formula: C₁₄H₁₇NO₅
 Molecular Weight: 279.29
 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	Cyclooctyne-O-NHS ester is a derivative of cyclooctyne, which will seriously damage HEK293 cells and be used as ADC cytotoxin.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5805 mL	17.9025 mL	35.8051 mL
5 mM	0.7161 mL	3.5805 mL	7.161 mL
10 mM	0.3581 mL	1.7903 mL	3.5805 mL
50 mM	0.0716 mL	0.3581 mL	0.7161 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.

Reference

Vogel K, et al. DNA-modification of eukaryotic cells. Small. 2013 Jan 28;9(2):255-62.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481