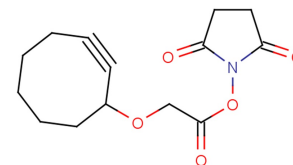


Cyclooctyne-O-NHS ester

Chemical Properties

CAS No.:	1425803-45-7
Formula:	C ₁₄ H ₁₇ NO ₅
Molecular Weight:	279.29
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



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(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.581 mL	17.903 mL	35.805 mL
5 mM	0.716 mL	3.581 mL	7.161 mL
10 mM	0.358 mL	1.79 mL	3.581 mL
50 mM	0.072 mL	0.358 mL	0.716 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

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