

## PPC-NHS ester

## Chemical Properties

CAS No. : 107348-47-0

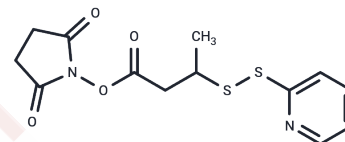
Formula: C<sub>13</sub>H<sub>14</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>

Molecular Weight: 326.39

Keep away from direct sunlight

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	PPC-NHS ester, a cleavable linker crucial in ADC synthesis, facilitates the attachment of cytotoxic drugs to antibodies for precise delivery to cells or proteins. Its cleavable nature ensures controlled drug release, thereby optimizing the effectiveness of ADCs (Antibody-Drug Conjugates).
Targets(IC50)	ADC Linker, PROTAC Linker
In vitro	ADCs consist of an antibody conjugated to an ADC cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0638 mL	15.3191 mL	30.6382 mL
5 mM	0.6128 mL	3.0638 mL	6.1276 mL
10 mM	0.3064 mL	1.5319 mL	3.0638 mL
50 mM	0.0613 mL	0.3064 mL	0.6128 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

Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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