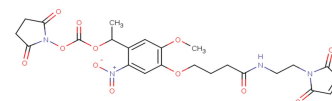


PC Mal-NHS carbonate ester

**Chemical Properties**

CAS No.: 1408057-91-9  
Formula: C<sub>24</sub>H<sub>26</sub>N<sub>4</sub>O<sub>12</sub>  
Molecular Weight: 562.48  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	PC Mal-NHS carbonate ester is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs) [1].
Targets(IC <sub>50</sub> )	Cleavable: None
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

**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	1.778 mL	8.889 mL	17.778 mL
5 mM	0.356 mL	1.778 mL	3.556 mL
10 mM	0.178 mL	0.889 mL	1.778 mL
50 mM	0.036 mL	0.178 mL	0.356 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. 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.

Inhibitors · Natural Compounds · Compound Libraries

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