

## Mal-CO-PEG5-NHS ester

## Chemical Properties

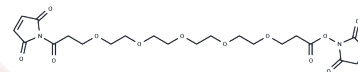
CAS No. : 1232769-29-7

Formula: C<sub>22</sub>H<sub>30</sub>N<sub>2</sub>O<sub>12</sub>

Molecular Weight: 514.484

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	Mal-CO-PEG5-NHS ester is a 5-unit PEG-based, non-cleavable ADC linker utilized in the fabrication of antibody-drug conjugates (ADCs).
Targets(IC50)	ADC Linker
In vitro	Antibody-Drug Conjugates (ADCs) consist of an antibody linked to an ADC cytotoxin via an ADC linker[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9437 mL	9.7186 mL	19.4371 mL
5 mM	0.3887 mL	1.9437 mL	3.8874 mL
10 mM	0.1944 mL	0.9719 mL	1.9437 mL
50 mM	0.0389 mL	0.1944 mL	0.3887 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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