

TCO-PEG12-NHS ester

Chemical Properties

CAS No.:	2185016-39-9
Formula:	C ₄₀ H ₇₀ N ₂ O ₁₈
Molecular Weight:	866.99
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	TCO-PEG12-NHS ester is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].
Targets(IC ₅₀)	Cleavable: None
In vitro	ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

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	1.153 mL	5.767 mL	11.534 mL
5 mM	0.231 mL	1.153 mL	2.307 mL
10 mM	0.115 mL	0.577 mL	1.153 mL
50 mM	0.023 mL	0.115 mL	0.231 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. Leon S. FARHI, et al. Compositions and methods for high-sensitivity immunoassays. WO2018027221A1

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