

(S,E)-TCO2-PEG8-NHS ester

Chemical Properties

CAS No. :

Formula: C₃₂H₅₄N₂O₁₄

Molecular Weight: 690.78

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	(S)-TCO-PEG8-NHS ester, an ADC linker featuring 8 PEG units, actively employs its TCO group to facilitate an inverse electron demand Diels-Alder reaction (IEDDA) with molecules possessing Tetrazine groups.
Targets(IC50)	ADC Linker

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4476 mL	7.2382 mL	14.4764 mL
5 mM	0.2895 mL	1.4476 mL	2.8953 mL
10 mM	0.1448 mL	0.7238 mL	1.4476 mL
50 mM	0.029 mL	0.1448 mL	0.2895 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.

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