

## TCO-GK-PEG4-NHS ester

## Chemical Properties

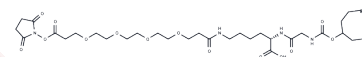
CAS No. : 2307311-19-7

Formula: C33H52N4O14

Molecular Weight: 728.78

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	TCO-GK-PEG4-NHS ester serves as an ADC linker, suitable for synthesizing [18F] AIF-NOTA-Tz-TCO-GK-2Rs15d, which demonstrates high affinity and immunoreactivity to HER2 [1]. This compound is a click chemistry reagent containing a TCO group that can engage in an inverse electron demand Diels-Alder reaction (IEDDA) with Tetrazine-containing molecules.
Targets(IC50)	ADC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3722 mL	6.8608 mL	13.7216 mL
5 mM	0.2744 mL	1.3722 mL	2.7443 mL
10 mM	0.1372 mL	0.6861 mL	1.3722 mL
50 mM	0.0274 mL	0.1372 mL	0.2744 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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