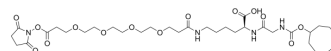


## TCO-GK-PEG4-NHS ester

Cat. No.:	HY-154802
CAS No.:	2307311-19-7
Molecular Formula:	C <sub>33</sub> H <sub>52</sub> N <sub>4</sub> O <sub>14</sub>
Molecular Weight:	728.78
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

TCO-GK-PEG4-NHS ester is an ADC Linker, and can be used for synthesis of <sup>[18F]</sup>AIF-NOTA-Tz-TCO-GK-2Rs15d. <sup>[18F]</sup>AIF-NOTA-Tz-TCO-GK-2Rs15d binds with high affinity and immunoreactivity to HER2<sup>[1]</sup>. TCO-GK-PEG4-NHS ester is a click chemistry reagent, it contains a TCO group that can undergo an inverse electron demand Diels-Alder reaction (iEDDA) with molecules containing Tetrazine groups.

### REFERENCES

[1]. Zhou Z, et al. An Efficient Method for Labeling Single Domain Antibody Fragments with 18F Using Tetrazine- Trans-Cyclooctene Ligation and a Renal Brush Border Enzyme-Cleavable Linker. *Bioconjug Chem.* 2018 Dec 19;29(12):4090-4103.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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