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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

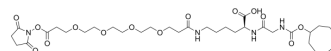
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

TCO-GK-PEG4-NHS ester

Cat. No.:	HY-154802
CAS No.:	2307311-19-7
Molecular Formula:	C ₃₃ H ₅₂ N ₄ O ₁₄
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 ^[18F]AIF-NOTA-Tz-TCO-GK-2Rs15d. ^[18F]AIF-NOTA-Tz-TCO-GK-2Rs15d binds with high affinity and immunoreactivity to HER2^[1]. 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA