



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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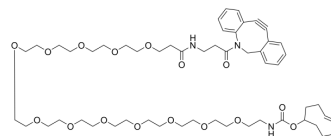
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## DBCO-PEG12-TCO

<b>Cat. No.:</b>	HY-D1071
<b>CAS No.:</b>	2055022-06-3
<b>Molecular Formula:</b>	C <sub>54</sub> H <sub>81</sub> N <sub>3</sub> O <sub>16</sub>
<b>Molecular Weight:</b>	1028.23
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	DBCO-PEG12-TCO contains a TCO and a DBCO moiety. TCO group can specifically react with tetrazine. DBCO-PEG12-TCO is a click chemistry reagent, it contains a DBCO group that can undergo strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing Azide groups. DBCO-PEG12-TCO also contains a TCO group that can undergo an inverse electron demand Diels-Alder reaction (IEDDA) with molecules containing Tetrazine groups.
<b>In Vitro</b>	DBCO reacts with azide functionalized compounds or biomolecules without catalyst to form a stable triazole linkage, which is an ideal alternative to copper intolerant applications. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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