



# 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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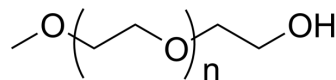
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## m-PEG-OH (MW 10000)

Cat. No.:	HY-140696D
CAS No.:	9004-74-4
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

m-PEG-OH (MW 10000) can be used as a macroinitiator to participate in the synthesis of amphiphilic block copolymers. Amphiphilic block copolymers can be used to prepare nanoscale micelles to deliver active drugs. Paclitaxel (HY-B0015), a hydrophobic anticancer agent encapsulated in micelles, has stronger activity in killing cancer cells than free Paclitaxel. And it preferentially accumulates in tumor tissue with only limited distribution in healthy organs.

### REFERENCES

[1]. Lee AL, et al. The use of cholesterol-containing biodegradable block copolymers to exploit hydrophobic interactions for the delivery of anticancer drugs. *Biomaterials*. 2012 Feb;33(6):1921-8.

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

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