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

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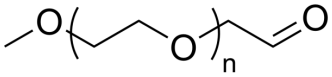
mPEG-CHO (MW 3400)

Cat. No.:	HY-155920
CAS No.:	70086-22-5
Molecular Formula:	$(C_2H_4O)_nC_3H_6O_2$
Target:	Liposome
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	mPEG-CHO (MW 3400) participates in the formation of a three-dimensional porous scaffold which carries active substances to form a delivery vehicle. The -CHO functional group interacts with the -NH2 functional group of the chitosan chain to form a glutaraldehyde-type adduct to functionalize mPEG. This functionalization and cross-linking can affect the rigidity of the delivery system, allowing slow release of the cross-linked conjugate system.

REFERENCES

[1]. Kumar P, et al. Macroporous chitosan/methoxypoly(ethylene glycol) based cryosponges with unique morphology for tissue engineering applications. Sci Rep. 2021 Feb 4;11(1):3104.

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

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