



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Dextran-PEG-Cy3

Cat. No.:	HY-D2429
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Dextran-PEG-Cy3

BIOLOGICAL ACTIVITY

Description

Dextran-PEG-Cy3 is the Cy3 (HY-D0822)-labeled Dextran-PEG conjugate. Dextran-PEG is used as polymer-polymer systems for the high biocompatibility to maintain cell osmolarity. Dextran-PEG coatings can reduce nanoparticle cytotoxicity^{[1][2]}.

REFERENCES

[1]. Yu M, et al., Dextran and polymer polyethylene glycol (PEG) coating reduce both 5 and 30 nm iron oxide nanoparticle cytotoxicity in 2D and 3D cell culture. Int J Mol Sci. 2012;13(5):5554-5570.

[2]. Chairez-Cantu K, et al., Generation of polyethylene glycol-dextran aqueous two-phase system droplets using different culture media under in vitro conditions[J]. Food and Bioproducts Processing, 2023, 139: 157-165.

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

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