



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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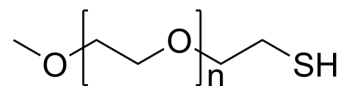
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m-PEG-thiol (MW 750)

Cat. No.:	HY-W591476B
CAS No.:	134874-49-0
Molecular Formula:	(C ₂ H ₄ O) _n C ₃ H ₈ OS
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Pure form -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 200 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	m-PEG-thiol (MW 750) modifies DNA thiolation for the synthesis of gold nanorods (AuNRs). Thiolated DNA can be loaded onto AuNR by the mPEG-SH/Tween 20 assisted method (Tween 20 and mPEG-SH repeatedly displace CTAB on the AuNR surface). DNA AuNRs have been widely used in nanostructure assembly, gene therapy, biosensing, and drug delivery.
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REFERENCES

[1]. Li J, et al. Simple and Rapid Functionalization of Gold Nanorods with Oligonucleotides Using an mPEG-SH/Tween 20-Assisted Approach. Langmuir. 2015 Jul 21;31(28):7869-76.

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

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