

m-PEG-thiol (MW 750)

Chemical Properties

CAS No. :

Formula: (C₂H₄O)_nC₃H₈O_S

Molecular Weight:

Pure form: -20°C for 3 years | In solvent: -80°C for 1

Storage: year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	m-PEG-thiol (MW 750) is utilized to modify thiolated DNA for the synthesis of gold nanorods (AuNR). Using an mPEG-SH/Tween 20 assisted method (where Tween 20 and mPEG-SH repeatedly displace CTAB on the AuNR surface), thiolated DNA can be loaded onto the AuNR. DNA AuNR has been widely applied in nanostructure assembly, gene therapy, biosensing, and drug delivery.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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