

m-PEG-thiol (MW 550)

Chemical Properties

CAS No. :

Formula: (C₂H₄O)_nC₃H₈O_S

Molecular Weight:

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description

m-PEG-thiol (MW 550) is used to modify thiolated DNA for the synthesis of gold nanorods (AuNR). The mPEG-SH/Tween 20 assisted method (involving repeated replacement of CTAB on the AuNR surface with Tween 20 and mPEG-SH) enables the loading of thiolated DNA onto AuNR. DNA AuNR has been extensively utilized in nanostructure assembly, gene therapy, biosensing, and drug delivery.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481