

GOLD NANOMATERIALS



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PRODUCT INFORMATION

(1-MERCAPTOUNDEC-11-YL) TETRAETHYLENE GLYCOL FUNCTIONALIZED GOLD NANOPARTICLES

Product Name: (1-Mercaptoundec-11-yl) Tetraethylene Glycol Functionalized Gold Nanoparticles
Catalog Number: 3013
Appearance: Dark red solution
Storage: Upon receipt store product at 4°C. Product is shipped at ambient temperature.
Revision: 1.1 (February 2011)

GENERAL INFORMATION

This product contains 3 to 5 nm gold nanoparticles coated and stabilized with (1-mercaptoundec-11-yl) tetraethylene glycol. This product has a hydrophilic surface character and is soluble in water, aqueous buffer and alcohols. Mean size and standard deviation are given in a specification sheet supplied with each lot.

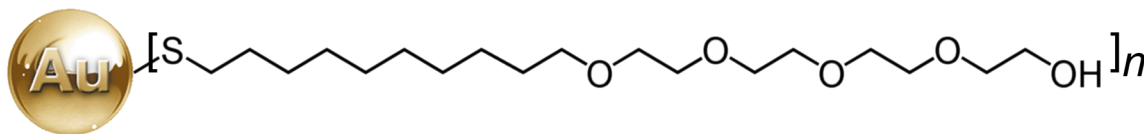


Figure 1: 3-5 nm gold nanoparticle functionalized with (1-mercaptoundec-11-yl) tetraethylene glycol.

For long-term storage, this product should be stored in the refrigerator at 2-8°C.

Warning: For research use only. Not recommended or intended for diagnosis of disease in humans or animals. Do not use internally or externally in humans or animals. Not radioactive.

INSTRUCTIONS FOR USE

The product is supplied as a 2% (w/v) solution in deionized water; and no salts or stabilizers are present. The solution should be used after gentle agitation using a vortex mixer, or brief sonication to ensure complete solution.

Technical Assistance Available.

For a complete list of references citing our products, please visit our world-wide-web site at:

www.nanoprobes.com/references/index.html.