

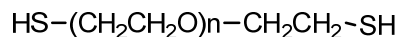
TECHNICAL DATA SHEET**Thiol PEG thiol, MW 400, 600, 1000, 1500, 2000, 3400, 5000, 8k, 10k, 20k**

Catalog Numbers: PG2-TH-400, 600, 1k, 1.5k, 2k, 3k, 5k, 8k, 10k, 20k.

Synonym: HS-PEG-SH, Bis-thiol PEG, Sulfhydryl PEG thiol

Description:

Thiol PEG thiol (HS-PEG-SH) is one of Nanocs' homobifunctional PEG derivatives with free thiol group on each terminus of the PEG. Thiols can react with a number of thiol reactive groups such as maleimide, iodoacetamide, pyridyldisulfide, etc. Thiol group also has high binding affinity to noble metal surface, such as gold and silver. Therefore, thiolated PEG can be used for gold or silver particle surface modification. Nanocs' homofunctional thiol PEGs are soluble in water. All reactions using this material can be carried out in aqueous buffer without need adding any organic solvents.

Product Structure:**Product Specifications:**

- Composition: **Thiol PEG Thiol.**
- Appearance: White/off-white solid or semi-solid depends on MW.
- Solubility: 10 mg/mL, clear water, ethanol, chloroform, DMSO, etc.
- Stability: 12 months at -20 °C.

Handling and Use:

Bis-thiol PEG should always be kept in low temperature in dry condition. Prepare fresh solution right before use. Avoid frequent thaw and freezing. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

HS-PEG-SH should be stored at -20 °C. Desiccate. Protect from air. Materials may be handled under inert gas for best stability. Re-test material after 12 months.

This product is for research use only and is not intended for use in humans or for diagnostic use.

Related Products:HS PEG NH₂
HS PEG NHSHS PEG COOH
FITC PEG SH**To Order:**Order online: www.nanocs.netOrder by Email: sales@nanocs.comOrder by phone: 1(800)388-4221; 1(888)
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