

TECHNICAL DATA SHEET

Cy3 PEG Thiol, MW 1000, 2000, 3400, 5000, 10k, 20k

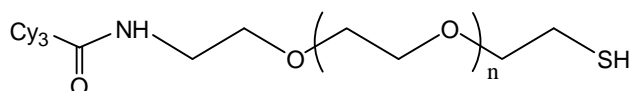
Catalog Numbers: PG2-S3TH-1k, 2k, 3k, 5k, 10k, 20k.

Synonym: Thiol PEG Cy3, Cy3 PEG SH

Description:

Cy3 PEG thiol is one of Nanocs' reactive red fluorescent PEG derivatives that have excitation/emission wavelength at 550 nm/570 nm. Cy3 emits red fluorescent light while thiol group can be used to react with a variety of sulfhydryl reactive molecules. Reaction of thiol to other functional groups allows the labeling and conjugation of Cy3 PEG to the surface of proteins, antibodies or particles. PEG linker between Cy3 dye and thiol offers better water solubility, flexible linker structure and enhanced stability. Compared to other common fluorescent dyes, Nanocs' reactive fluorescent PEG dyes are brighter, more stable and easier to use. All our reactive fluorescent PEG dyes can be used directly in aqueous buffer without need adding any organic solvents.

Product Structure:



Product Specifications:

- Composition: **Cy3 PEG thiol.**
- Appearance: Pink/red solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, ethanol, chloroform, DMSO.
- Reactive group: Thiol (-SH).
- Ex/Em wavelength: 550 nm/570 nm.

Handling and Use:

Cy3 PEG thiol 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:

Cy3 PEG SH should be stored at -20 °C. Desiccate. Protect from light. 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:

Cy3 PEG NHS
Cy3 PEG amine
Cy3 PEG COOH

Cy3 PEG Azide
Cy3 PEG Biotin
Cy3 PEG Maleimide

To Order:

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