

TECHNICAL DATA SHEET

Fluorescein PEG thiol, MW 1000, 2000, 3400, 5000, 10k, 20k

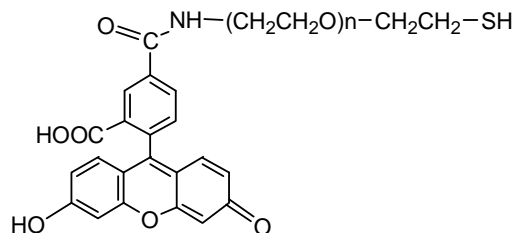
Catalog Numbers: PG2-FCTH-1k, 2k, 3k, 5k, 10k, 20k.

Synonym: Fluorescein PEG sulfhydryl, FITC PEG Thiol, FITC PEG SH, Thiol PEG fluorescein, sulfhydryl PEG fluorescein

Description:

Fluorescein PEG thiol (FITC-PEG-SH) is one of Nanocs' thiolated green fluorescent PEG derivatives. Fluorescein PEG has excitation/emission wavelength at around ~495 nm/~515 nm while thiol group can be used to react with other thiol reactive groups such as maleimide, PDP, etc. It can also be used for gold surface modification. Compared to other organic dyes, Nanocs fluorescent PEG dyes are brighter, more stable and easier to use. They can be used directly in aqueous solution to modify biomolecules or other materials without need any organic solvents.

Product Structure:



Product Specifications:

- Composition: **Fluorescein PEG thiol.**
- Appearance: Orange/yellow solid, semi-solid depends on molecular weight.
- Ex/Em: ~495 nm/~515 nm.
- Solubility: 10 mg/mL, clear in water, ethanol, chloroform, DMSO.
- Reactive group: Thiol (-SH).

Handling and Use:

Fluorescein PEG thiol is sensitive to light and air. For best use, material should always be kept in low temperature in dry condition. Protect from light. Avoid frequent thaw and freezing. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

Fluorescein PEG thiol should be stored at -20 °C. 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:

FITC PEG NH₂
 FTIC PEG Azide
 FITC PEG DBCO

FITC PEG NHS
 Maleimide PEG FITC
 FITC PEG Biotin

To Order:

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