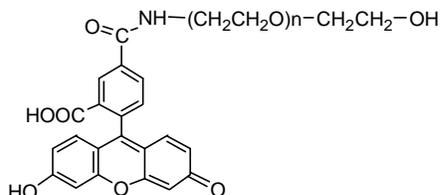


**TECHNICAL DATA SHEET****Fluorescein PEG Hydroxy, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

**Description:**

**Fluorescein PEG hydroxy** (FITC-PEG-OH) is one of Nanocs' heterobifunctional green fluorescent PEG derivatives that have a fluorescein dye on the one end of PEG chain. Fluorescein has excitation/emission wavelength at around ~490 nm/~520 nm while hydroxy group can readily react with other hydroxy reactive groups. Compared to other organic dyes, Nanocs fluorescent PEG dyes are brighter, easier to use and have higher photo-stability. These PEG dyes can be used directly in aqueous solution to label biomolecules such as proteins, antibodies, peptides, etc. without need adding harmful organic solvents.

**Product Structure:****Product Specifications:**

- Composition: **Fluorescein PEG hydroxyl.**
- Appearance: Orange/yellow solid, semi-solid depends on molecular weight.
- Solubility: 10 mg/mL, clear in water, chloroform, DMSO.
- Ex/Em wavelength: 490 nm/520 nm.

**Handling and Use:**

**Fluorescein PEG hydroxy** is sensitive to light and temperature. 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](http://www.nanocs.net).

**Storage Conditions:**

**Hydroxy PEG Fluorescein** 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 NH<sub>2</sub>  
FITC PEG Azide  
FITC PEG DBCO

FITC PEG NHS  
Maleimide PEG FITC  
FITC PEG Biotin

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