

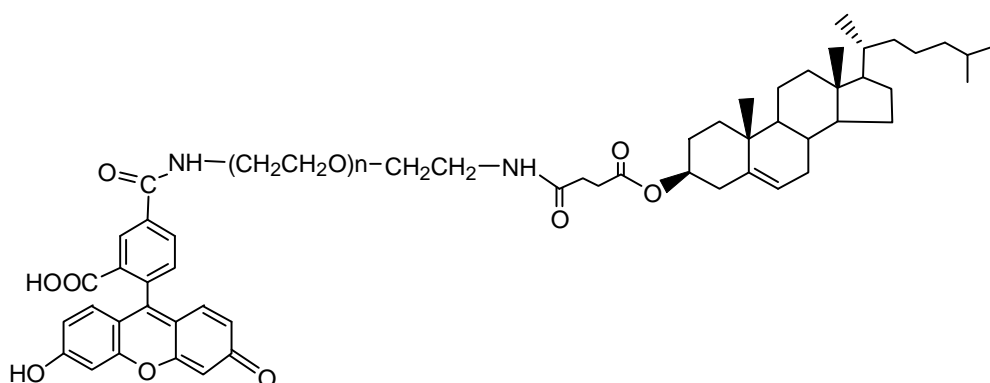
TECHNICAL DATA SHEET**Cholesterol PEG Fluorescein, MW 1k, 2k, 3400, 5k, 10k, 20k**

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

Synonym: FITC PEG Cholesterol, Cholesteryl PEG Fluorescein, Cholesterol PEG FITC

Description:

Fluorescein PEG Cholesterol is one of Nanocs' fluorescent cholesterol PEG derivatives. Cholesterol is an essential lipid component to build and maintain basic animal cell function. It is one of animal cell-membrane structure components and establishes proper membrane permeability and fluidity in animal cells. In addition to its structural function, cholesterol is also the important precursor for the biosynthesis of steroid hormones, bile acids and vitamin D. Cholesterol is a hydrophobic molecule with very low water solubility. **Fluorescein (FITC)** modified **PEG cholesterol** is a green fluorescent PEG derivative that has strong green fluorescence which can be detected easily by fluorometer or fluorescent microscope under **FITC** channel. Polyethylene glycol modified cholesterol derivatives offered by Nanocs have good water solubility, flexible linker structure and diverse functionalities. Our Cholesterol PEG derivatives have been used successfully in cell membrane imaging, liposome formulation and drug delivery. As a leading PEG cholesterol provider, Nanocs now offers a variety of multifunctional PEG cholesterol molecules for different applications.

Product Structure:**Product Specifications:**

- Composition: **Fluorescein PEG Cholesterol.**
- Appearance: Yellow/orange solid or semi-solid depends on molecular weight.
- Solubility: Soluble in warm water, chloroform, DMSO.
- Ex/Em: 495/515 nm (FITC).

Handling and Use:

FITC PEG Cholesterol 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:

Cholesterol PEG Fluorescein should be stored at -20 °C. Desiccate. Protect from light.

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

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