

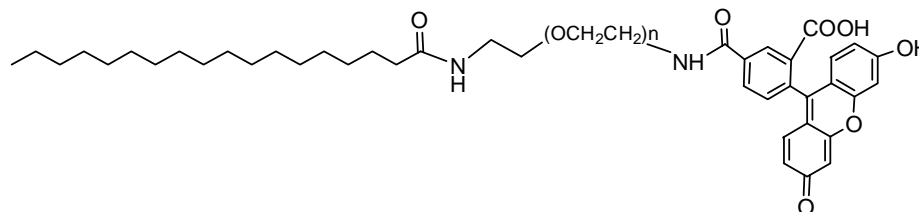
TECHNICAL DATA SHEET**Stearic Acid PEG Fluorescein, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

Synonym: Stearic acid PEG FITC, FITC PEG Stearic acid, SA-PEG-FITC, FITC-PEG-SA

Description:

Stearic acid PEG fluorescein (SA-PEG-FITC) is one of Nanocs' fluorescent fatty acid lipid PEG derivatives that have a stearic acid and a fluorescein dye linked covalently through a linear PEG chain. Stearic acid is an 18 carbon saturated fatty acid with high hydrophobicity. Fluorescein is a green fluorescent dye with excitation/emission wavelength at 495 nm/515 nm. PEG linker bridged stearic acid and fluorescein offers good water solubility, flexible spacer length and high photostability. Fluorescent fatty acid lipids are excellent probes for cell membranes. They can also be used for liposome and other lipophilic nanoparticles tracking and imaging.

Product Structure:**Product Specifications:**

- Composition: **Stearic acid PEG Fluorescein.**
- Appearance: Yellow to orange solid.
- Solubility: 5 mg/mL, clear in water, chloroform, DMSO.
- Ex/Em wavelength: 495 nm/515 nm.

Handling and Use:

Stearic acid PEG FITC 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:

FITC PEG Stearic acid should be stored at <4 °C. Desiccate. Protect from light. 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.

The information given in this document is to the best of our knowledge accurate, but no warranty is expressed or implied. It is the user's responsibility to determine the suitability for their own use of the products described herein, and since conditions of use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as a recommendation to use any product or to practice any process in violation of any law or any government regulation.