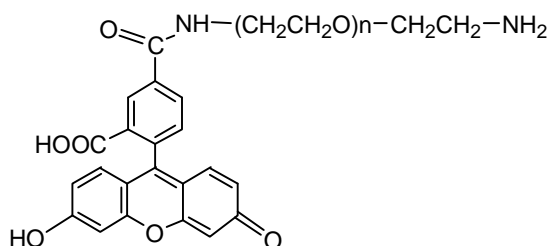


TECHNICAL DATA SHEET**Fluorescein PEG amine, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

Synonym: Amino PEG fluorescein, FITC PEG amine, FAM PEG amine, FITC PEG NH₂**Description:**

Fluorescein PEG amine (FITC-PEG-NH₂) is one of Nanocs' reactive heterobifunctional green fluorescent PEG derivatives. **Fluorescein** is a bright green fluorescent dye that has excitation/emission wavelength at around ~490 nm/~520 nm. Meanwhile, amine group in this fluorescent PEG molecule can readily react with other amine reactive groups such as carboxylic acid, aldehyde, succinimidyl NHS ester, etc. PEG linker bridged fluorescein and amine group offers better water solubility, flexible linker length and enhanced photostability. Compared to other organic dyes, our PEG fluorescent dyes are brighter and easier to use. These dyes can be used directly in aqueous solution to label biomolecules without need adding any organic solvents.

Product Structure:**Product Specifications:**

- Composition: **Fluorescein PEG amine.**
- Appearance: Orange/yellow solid, semi-solid depends on molecular weight.
- Solubility: 10 mg/mL, clear in water, chloroform, DMSO, etc.
- Reactive group: Amine (-NH₂).
- Ex/Em wavelength: 495 nm/515 nm

Handling and Use:

Fluorescein PEG amine 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.

Storage Conditions:

FITC PEG NH₂ 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 NHS
FITC PEG Maleimide
FITC PEG BiotinFITC PEG SH
FITC PEG azide
FITC PEG DSPE**To Order:**Order online: www.nanocs.netOrder by Email: sales@nanocs.com

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