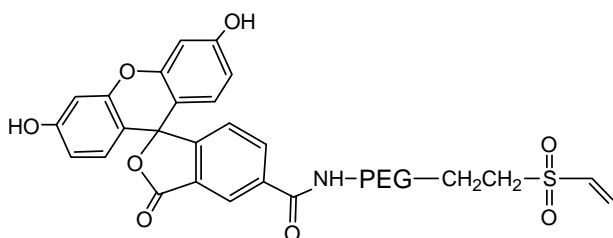


TECHNICAL DATA SHEET**Fluorescein PEG Vinyl Sulfone, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

Description:

Nanocs' fluorescein PEG vinyl sulfone (FITC-PEG-VS) is a thiol group reactive green fluorescent PEG derivative. Fluorescein has excitation/emission wavelength at around ~490 nm/~520 nm while maleimide group can readily react with thiol group at pH 7.5~9.0. Compared to other organic dye, our fluorescent PEG derivatives are readily soluble in aqueous buffer and more photo-stable. They can be used directly in aqueous solution to label biomolecules such as proteins, antibodies, peptides, etc. without need of organic solvents.

Product Structure:**Product Specifications:**

- Composition: Fluorescein PEG Vinyl Sulfone.
- Appearance: Orange/yellow solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, ethanol, chloroform, DMSO, etc.
- Stability: 6 months at -20 °C.

Handling and Use:

Fluorescein PEG vinyl sulfone is sensitive to light, moisture 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:

Product should be stored at -20 °C. Protect from light. Materials may be handled under inert gas for best stability. Re-test material after 6 months.

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

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