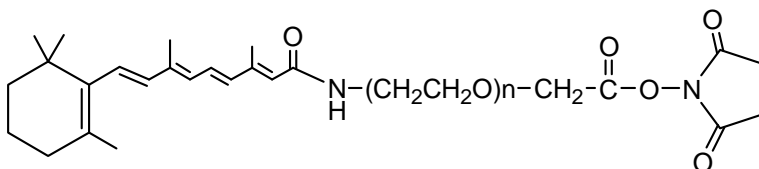


TECHNICAL DATA SHEET**Retinoic acid PEG NHS, MW 1k, 2k, 3400, 5k, 10k, 20k**

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

Description:

Retinoic acid PEG NHS is one of Nanocs' bioactive and chemical reactive PEG derivatives that can react with primary amine groups. Retinoic acid is a metabolite of Vitamin A that mediates the functions of vitamin A required for growth and development. Retinoic acid is an essential molecule that required for the early to late development of animals or humans. Retinoic acid is a fat-soluble vitamin A derivative with hydrophobicity. Polyethylene glycol chain linked to retinoic acid is hydrophilic and it offers good water solubility for modified retinoic acid. Meanwhile, NHS group can be used to react with primary amine groups on various biomolecules. Reaction of NHS and amine enables quick and efficient conjugation of retinoic acid PEG to other molecules or materials.

Product Structure:**Product Specifications:**

- Composition: **Retinoic acid PEG NHS.**
- Appearance: Yellow to pale-yellow solid or semi-solid depends on molecular weight.
- Solubility: Soluble in water, chloroform, DMSO, DMF, etc.
- Stability: >6 months at -20 °C.
- Reactive group: NHS.

Handling and Use:

For best use, **Retinoic acid PEG NHS** 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:

NHS PEG Retinoic acid should be stored at -20 °C. Desiccate. Protect from light. 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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