

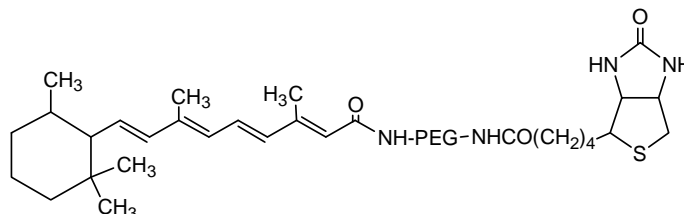
**TECHNICAL DATA SHEET****Retinoic acid PEG Biotin, MW 1k, 2k, 3400, 5k, 10k, 20k**

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

Synonym: Biotin PEG Retinoic acid

**Description:**

**Retinoic acid PEG Biotin** offered by Nanocs is a bioactive biotin PEG derivative that can bind to avidin or **streptavidin**. 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 high hydrophobicity. Polyethylene glycol modification imparts good water solubility to modified retinoic acid. Meanwhile, Biotin can be used to bind to avidin or streptavidin with high affinity.

**Product Structure:****Product Specifications:**

- Composition: **Retinoic acid PEG Biotin.**
- 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.

**Handling and Use:**

For best use, **Retinoic acid PEG Biotin** 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](http://www.nanocs.net).

**Storage Conditions:**

**Biotin 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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