

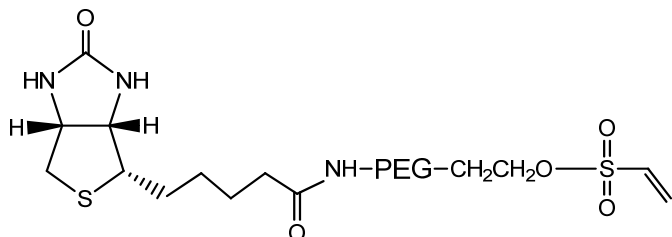
TECHNICAL DATA SHEET**Biotin PEG Vinyl Sulfone, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

Synonym: Vinylsulfone PEG Biotin, VS-PEG-Biotin

Description:

Vinylsulfone PEG Biotin is one of Nanocs' reactive heterofunction biotin PEG polyethylene glycol derivatives that can be used to attach biotin molecule to proteins, peptides, particles and other material surfaces via its vinylsulfone groups. Vinylsulfone group can react with thiols, amines or hydroxyls under different pH but reaction between thiol and vinylsulfone is much faster. Pegylated biotin shows high affinity with avidin or streptavidin and has been used widely in bioassay development and material modification.

Product Structure:**Product Specifications:**

- Composition: **Biotin PEG vinylsulfone.**
- Appearance: White/off-white solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, chloroform, DMSO, etc.
- Reactive group: Vinylsulfone.

Handling and Use:

Biotin PEG Vinylsulfone is sensitive to moisture and temperature. For best use, material 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:

Vinylsulfone PEG Biotin should be stored at -20 °C. Desiccate. 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:

Biotin PEG NHS
Biotin PEG Maleimide
Biotin PEG PDP

Biotin PEG Amine
Biotin PEG COOH
Biotin PEG Thiol

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