

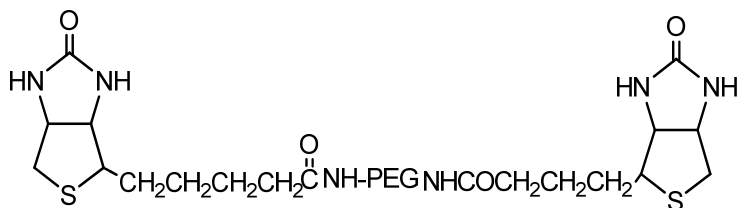
TECHNICAL DATA SHEET**Biotin PEG Biotin, MW 300, 400, 600, 1000, 2000, 3400, 5000, 10k, 20k, 30k**

Catalog Numbers: PG2-BN-300, 400, 600, 1k, 2k, 3k, 5k, 10k, 20k, 30k.

Synonym: Bis Biotin PEG, PEG bis-biotin

Description:

Bis-Biotin functionalized polyethylene glycol (**Biotin-PEG-biotin**) is one of Nanocs' homobifunctional **biotinylated PEG** crosslinkers that have 2 biotins connected through a linear PEG chain. **Bis-biotin PEG** can be used to add biotin molecule to proteins, peptides, particles and other materials surfaces via its interaction with **avidin** or **streptavidin**. **Pegylated biotin** shows high affinity with avidin or streptavidin and has been used widely in bioassay development and material modification. PEG linker between two biotins offers better water solubility, less steric hindrance and enhanced stability. Nanocs' biotin PEGs are soluble in water and they can be used directly in aqueous buffer without need any organic solvents.

Product Structure:**Product Specifications:**

- Composition: **Biotin PEG biotin.**
- Appearance: White/off-white solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water (MW 600 or over), chloroform, DMSO.
- Function group: Biotin.

Handling and Use:

Biotin 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.

Storage Conditions:

Biotin 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 Azide
Biotin PEG FITC

Biotin PEG Maleimide
Biotin PEG Thiol
Biotin PEG COOH

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