

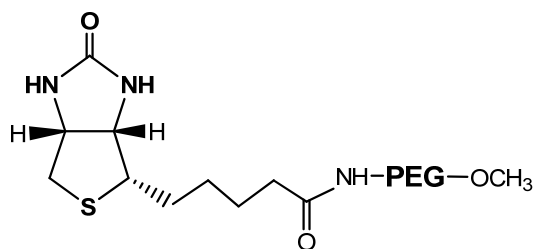
TECHNICAL DATA SHEET**mPEG Biotin, MW 350, 550, 750, 1000, 2000, 5000, 10k, 20k, 30k, 40k**

Catalog Numbers: PG1-BN-350, 550, 750, 1k, 2k, 5k, 10k, 20k, 30k, 40k.

Synonym: Methoxypolyethylene glycon biotin, methoxyPEG biotin, PEG biotin, biotin PEG

Description:

Methoxypolyethylene glycol biotin (**mPEG-Biotin**) is one of Nanocs' monofunctional PEG biotin derivatives that can be used to target and bind to avidin or streptavidin. Biotin/avidin system has been used widely in bioassays, protein/nucleic acid detection and purification. The linear, hydrophilic polyethylene glycol attached to the biotin imparts good water solubility and biocompatibility that can be further transferred to the modified molecules. Nanocs provides a rich selection of various biotin PEG reagents that feature different functional groups and varied linkage structure. These biotin PEG reagents can be used to label and modify a variety of biomolecules, particles or device surface. More notably, our pegylated biotin derivatives have excellent water solubility and all reactions or assays can be carried out directly in aqueous buffer without using any organic solvents.

Product Structure:**Product Specifications:**

- Composition: mPEG Biotin.
- Appearance: White/off-white solid, semi-solid depends on molecular weight.
- Purity: > 95%.
- Solubility: High in water, ethanol, chloroform, DMSO, etc.
- Stability: >12 months at -20 °C.

Handling and Use:

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 should be stored at -20 °C. Materials may be handled under inert gas for best stability.

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

Related Products:

Biotin PEG FITC
Biotin PEG NHS
Biotin PEG Maleimide

Biotin PEG NH₂
Biotin PEG Azide
Biotin PEG COOH

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