

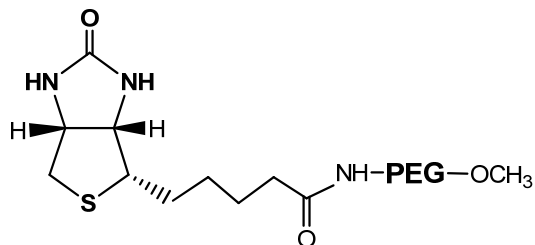
TECHNICAL DATA SHEET**mPEG Biotin pack 6, MW 1k, 2k, 5k, 10k, 20k, 30k**

Catalog Numbers: P1P-BN-6.

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

Description:

mPEG biotin is a collection of biotinylated Methoxypolyethylene glycol with different molecular weight. 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 biomolecules, particles or device surface. More notably, our PEG 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 pack.
- 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:

mPEG biotin pack 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 pack 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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