

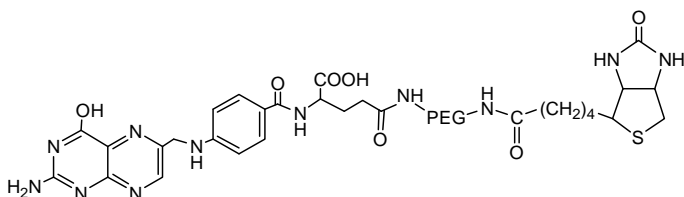
TECHNICAL DATA SHEET**Folic acid PEG Biotin, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

Synonym: Folate PEG Biotin, Biotin PEG folic acid, Biotin PEG folate

Description:

Folic acid PEG Biotin (Biotin PEG folate), is one of Nanocs' Biotin PEG derivatives that have a functional folic acid on one terminus of PEG chain. Folic acid is also known as vitamin M, vitamin B9 or pteroyl-L-glutamic acid. Folic acid is an essential bioactive molecule for numerous biological functions. It participates in the synthesis, repairing and methylation of DNA as well as to act as a cofactor in many biological reactions. Folic acid functionalized biotin is able to recognize and bind to cell surface folate receptors. Meanwhile, Biotin tag in this molecule can be easily detected by avidin, streptavidin or their conjugates. PEG linker between folic acid and biotin offers good water solubility, flexible linker structure and enhanced activity.

Product Structure:**Product Specifications:**

- Composition: **Folic acid PEG Biotin.**
- Appearance: Orange/yellow solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, DMSO.
- Function group: **Folic acid.**
- Reactive group: Biotin.

Handling and Use:

Folate PEG Biotin is sensitive to light and temperature. For best use, material should always be kept in low temperature in dry condition. Protect from light. Avoid

frequent thaw and freezing. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

Biotin PEG Folate should be stored at -20 °C. Protect from light. 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 FITC
Folate PEG NH₂
Biotin PEG COOH
Cy5 PEG Biotin

Folate PEG DSPE
Biotin PEG NHS
Biotin PEG Thiol

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