Tel: 1(800)388-4221 Fax: 1(917)591-2212 Email: info@nanocs.com

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-Lglutamic acid. Folic acid is an essential bioactive numerous biological functions. molecule for 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:

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 DSPE
Folate PEG NH2	Biotin PEG NHS
Biotin PEG COOH	Biotin PEG Thiol
Cv5 PEG Biotin	

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

To Order:

Order online: www.nanocs.net

Order by Email: sales@nanocs.com

Order by phone: 1(800) 388-4221; 1(888)

908-8803

For more information, visit www.nanocs.net

The information given in this document is to the best of our knowledge accurate, but no warranty is expressed or implied. It is the user's responsibility to determine the suitability for their own use of the products described herein, and since conditions of use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as a recommendation to use any product or to practice any process in violation of any law or any government regulation.