

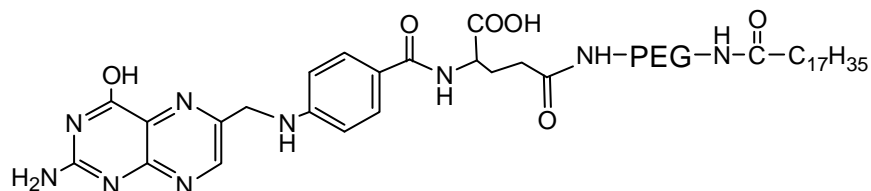
TECHNICAL DATA SHEET**Stearic acid PEG Folate, MW 2000, 3400, 5000, 10k, 20k**

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

Synonym: Folic acid PEG stearic acid, Folate PEG Stearic acid, Stearic acid PEG Folate

Description:

Stearic acid PEG Folate is one of Nanocs' bioactive fatty acid PEG derivatives with a terminal folic acid group. Folic acid, also called folate, is 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. Stearic acid is an 18 Carbon saturated lipid with high hydrophobicity. Folic acid functionalized PEG stearic acid is a useful material to prepare liposome and other lipid nanoparticles that can target cellular surface folate receptors.

Product Structure:**Product Specifications:**

- Composition: **Stearic acid PEG Folate.**
- Appearance: Yellow to brownish solid.
- Solubility: Soluble in hot water, DMSO.
- Stability: >6 months at -20 °C.
- Functional group: Folic acid.

Handling and Use:

Stearic acid PEG Folate 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:

Folic acid PEG stearic acid should be stored at -20 °C. Desiccate. Protect from light.

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

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