

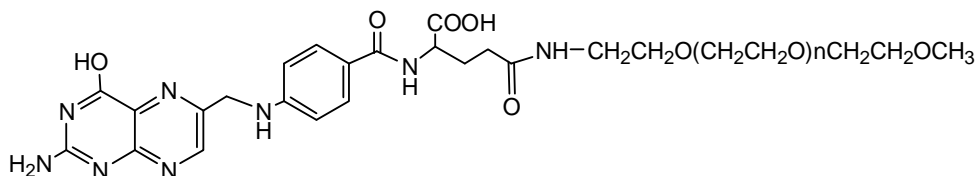
**TECHNICAL DATA SHEET****Methoxy PEG Folic acid, MW 1000, 2000, 5000, 10k, 20k, 30k, 40k**

Catalog Numbers: PG1-FA-1k, 2k, 5k, 10k, 20k, 30k, 40k.

Synonym: Methoxypolyethylene glycol folic acid, mPEG folate, mPEG folic acid, folic acid PEG

**Description:**

**mPEG Folic acid** is one of Nanocs' methoxypolyethylene glycol folic acid derivatives that have a folic acid molecule covalently attached to a linear PEG linker. Folic acid is also known as vitamin M, vitamin B9 or pteroyl-L-glutamic acid. It 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. Pegylated folic acid is hydrophilic and it is readily soluble in water. Functionalized folic acid PEG derivatives can be used for targeted drug delivery, imaging and bioassay development.

**Product Structure:****Product Specifications:**

- Composition: **mPEG Folic acid.**
- Appearance: Yellow to brownish solid.
- Solubility: Soluble in hot water, DMSO, DMF.
- Stability: 12 months at -20 °C.

**Handling and Use:**

For best use, **mPEG 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](http://www.nanocs.net).

**Storage Conditions:**

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

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