

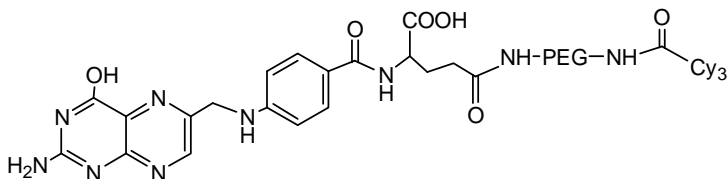
TECHNICAL DATA SHEET**Folic acid PEG Cy3, MW 2000, 3400, 5000, 10k, 20k**

Catalog Numbers: PG2-FAS3-2k, 3k, 5k, 10k, 20k.

Synonym: Cy3 PEG Folate, Folate PEG Cy3, Cy3 PEG Folic acid

Description:

Cy3 PEG folic acid, also called Cy3 PEG folate, is one of Nanocs' fluorescent folic acid PEG derivatives that have excitation/emission wavelength at ~550 nm/~570 nm. 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. Cy3 labeled folic acid PEG can be easily traced by its strong red fluorescent signal; and it can be used for cell imaging, folate receptor targeting and detection. Flexible PEG chain between Cy3 dye and folate offers higher water solubility, less steric hindrance and better reactivity.

Product Structure:**Product Specifications:**

- Composition: **Folic acid PEG Cy3.**
- Appearance: Red/dark red solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, DMSO.
- Function group: Folic acid
- Ex/Em wavelength: 550 nm/570 nm.

Handling and Use:

Folic acid PEG Cy3 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:

Cy3 PEG Folic acid should be stored at -20 °C. Protect from light. Materials may be handled under inert gas for best stability. Re-test material after 6 months.

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

Related Products:

Folate PEG FITC
Folate PEG NHS
Folate PEG COOH
Cy5 PEG Folate

Folate PEG DSPE
Folate PEG Maleimide
Folate PEG Thiol

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