http://www.nanocs.net
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TECHNICAL DATA SHEET

Cy3 PEG Biotin, MW 1000, 2000, 3400, 5000, 10k, 20k

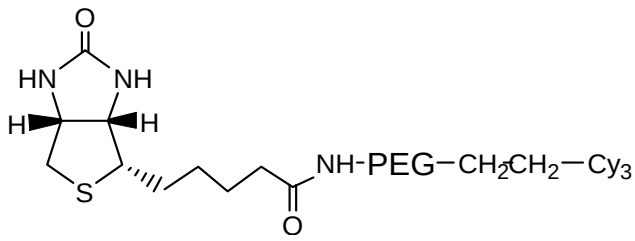
Catalog Numbers: PG2-BNS3-1k, 2k, 3k, 5k, 10k, 20k.

Synonym: Biotin PEG Cy3

Description:

Cy3 PEG biotin is one of Nanocs' fluorescent biotin PEG derivatives that can be used for fluorescent detection and imaging. Cy3 is a red fluorescent dye with excitation/emission wavelength at 550 nm/570 nm. Cy3 labeled PEG biotin gives strong red fluorescent signal while biotin groups can be used to target and bind to avidin or streptavidin. PEG linker between Biotin and Cy3 fluorophore offers better water solubility, flexible linker structure and enhanced stability. Biotin PEG Cy3 dyes are readily soluble in aqueous solution and all bioassays or reactions can be carried out directly in aqueous buffer without adding any organic solvents.

Product Structure:



Handling and Use:

Cy3 PEG Biotin 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:

Biotin PEG Cy3 should be stored at -20 ^{0}C. Desiccate. 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:

FITC PEG Biotin	Biotin PEG Rhodamine
Cy5 PEG Biotin	Cy3 PEG NHS
Cy3 PEG Maleimide	Cy3 PEG Amine

Product Specifications:

- Composition: **Cy3 PEG Biotin**.
- Appearance: Pink/red solid, semi-solid depends on molecular weight.
- Solubility: 10 mg/mL clear in water, ethanol, chloroform, DMSO.
- Function group: Biotin.
- Ex/Em: 550/570 nm.

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