

TECHNICAL DATA SHEET

Cy5 PEG Biotin, MW 1000, 2000, 3400, 5000, 10k, 20k

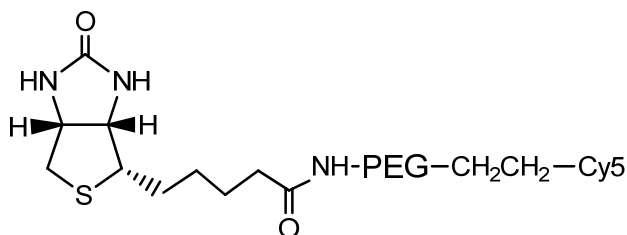
Catalog Numbers: PG2-BNS5-1k, 2k, 3k, 5k, 10k, 20k.

Similar products: SFTM650-Biotin

Description:

Cy5 PEG biotin is one of Nanocs' near infrared fluorescent biotin PEG derivatives that have excitation/emission wavelength at 650 nm/670 nm. Cy5 fluorophore emits strong near infrared fluorescent light while biotin group can be used to target and detect avidin or streptavidin. It can also be used to quantify biotins. PEG linker bridged Biotin and Cy5 dye offers better water solubility, flexible linker structure and enhanced stability. Compared to other fluorescent dyes, Nanocs' functional fluorescent PEG dyes are brighter, more stable and easier to use. All our reactive fluorescent PEG dyes can be used directly in aqueous buffer without need adding any organic solvents.

Product Structure:



Product Specifications:

- Composition: **Cy5 PEG biotin.**
- Appearance: Blue/dark blue solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, ethanol, chloroform, DMSO.
- Functional group: **Biotin.**
- Ex/Em wavelength: 650 nm/670 nm.

Handling and Use:

Cy5 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 Cy5 should be stored at -20 °C. Desiccate. Protect from light. Materials may be handled under inert gas for best stability.

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

Related Products:

Cy5 PEG NHS
Cy5 PEG amine
Cy5 PEG COOH

Cy5 PEG Azide
Cy5 PEG Maleimide
Cy5 PEG Thiol

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