

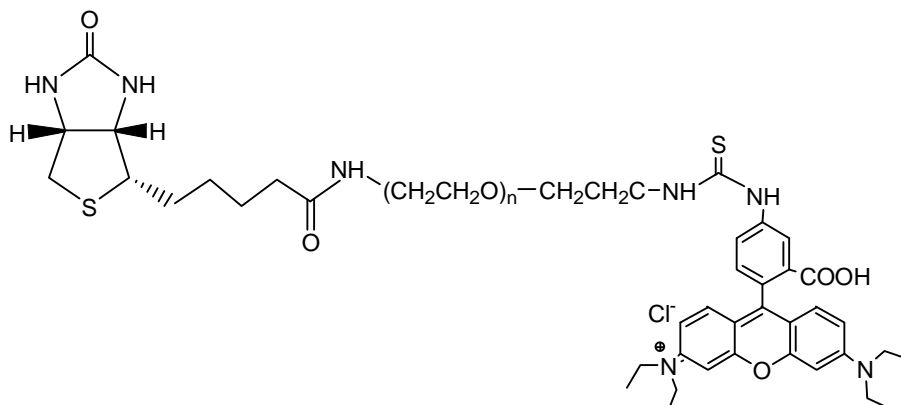
TECHNICAL DATA SHEET
Rhodamine B PEG Biotin, MW 1000, 2000, 3400, 5000, 10k, 20k

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

Synonym: Biotin PEG Rhodamine, RB PEG Biotin

Description:

Rhodamine B PEG Biotin (RB-PEG-Biotin) is one of Nanocs' red fluorescent biotin PEG derivatives that contain a fluorescent rhodamine dye and a biotin tag on each PEG terminus. Rhodamine B is a bright red fluorescent dye with excitation/emission wavelength at 544 nm/576 nm. Biotin functionalized Rhodamine PEG can be used to bind to avidin or streptavidin. Binding interactions between biotin and avidin/streptavidin can be easily traced by strong red fluorescence signal from Rhodamine. Compared to other organic fluorescent dyes, Nanocs' fluorescent PEG dyes are brighter, more photo-stable and are easier to use; all assays or labeling reactions can be carried out directly in aqueous buffer without need adding any organic solvents.

Product Structure:

Product Specifications:

- Composition: **Rhodamine B PEG Biotin.**
- Appearance: Pink/red solid or semi-solid depends on molecular weight.
- Solubility: 5 mg/mL, clear in water, chloroform, DMSO, DMF, etc.
- Ex/Em wavelength: 544 nm/576 nm.

Handling and Use:

Rhodamine B PEG biotin should always be kept in low temperature in dry condition. Protect from light. Prepare fresh solution right before use. Avoid frequent thaw and freezing. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

Rhodamine B PEG Biotin 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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