

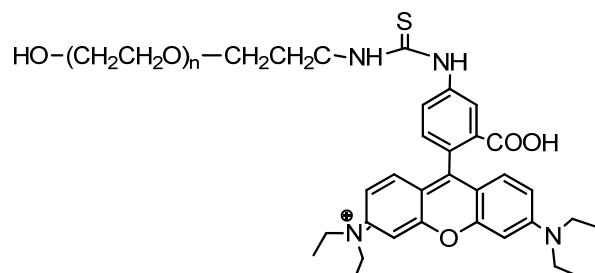
**TECHNICAL DATA SHEET****Rhodamine B PEG Hydroxy, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

Synonym: RB PEG OH, Hydroxyl PEG Rhodamine

**Description:**

**Rhodamine B PEG hydroxy** (RB-PEG-OH) is one of Nanocs' heterobifunctional red fluorescent PEG dyes that contain a rhodamine dye and a hydroxyl group on each PEG terminus. Rhodamine B is a bright red fluorescent dye with excitation/emission wavelength at around ~544 nm/~576 nm. Hydroxyl functional Rhodamine PEG group can be used to react with other molecules containing hydroxy reactive groups. Compared to other organic dye, Nanocs fluorescent PEG dyes are brighter, easier to use and have better photo-stability. These PEG dyes can be used directly in aqueous solution for biomolecule such as protein, antibody and peptide labeling without need adding harmful organic solvents.

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

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

**Handling and Use:**

**Rhodamine B PEG hydroxy** is sensitive to light and air. 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](http://www.nanocs.net).

**Storage Conditions:**

**Hydroxy PEG Rhodamine** should be stored at -20 °C. 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:**

Rhodamine PEG NHS  
Rhodamine PEG Biotin  
Rhodamine PEG Azide

Rhodamine PEG COOH  
Rhodamine PEG Maleimide  
Rhodamine PEG DBCO

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