

TECHNICAL DATA SHEET

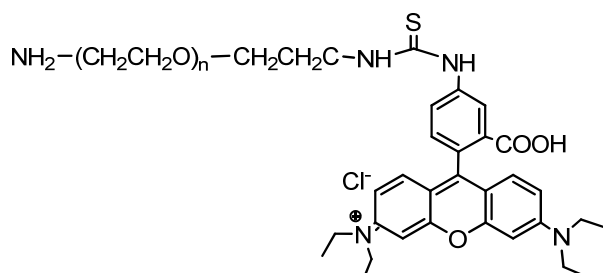
Rhodamine B PEG amine, MW 400, 600, 1k, 2k, 3.4k, 5k, 10k, 20k

Catalog Numbers: PG2-AMRB-400, 600, 1k, 2k, 3k, 5k, 10k, 20k.

Description:

Nanocs' **Rhodamine B PEG amine** (RB-PEG-NH₂) is a heterobifunctional red fluorescent PEG dye that contains a terminal rhodamine B dye and a primary amine group on each PEG terminus. Rhodamine B is a bright red fluorescent dye with excitation/emission wavelength at around ~544 nm/~576 nm. Amine functionalized Rhodamine PEG can be used to react with other molecules containing amine reactive groups such as NHS, COOH, etc. PEG linker bridged Rhodamine and amine group offers better water solubility, flexible linker structure and enhanced stability. Compared to other organic dyes, Nanocs' fluorescent PEG dyes are brighter, more photo-stable and easier to use. These PEG dyes can be used directly in aqueous buffer without need adding any organic solvents.

Product Structure:



Product Specifications:

- Composition: **Rhodamine B PEG amine.**
- Appearance: Pink/dark red solid, semi-solid depends on molecular weight.
- Solubility: 5 mg/mL, clear in chloroform, DMSO.
- Ex/Em wavelength: 544 nm/576 nm.
- Reactive group: Primary amine (-NH₂).

Handling and Use:

Rhodamine B PEG amine 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.

Storage Conditions:

Amino 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

To Order:

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