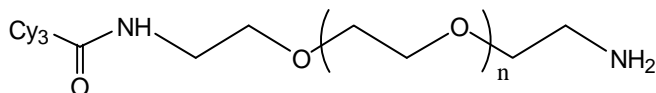


TECHNICAL DATA SHEET**Cy3 PEG Amine, MW 1000, 2000, 3400, 5000, 10k, 20k**

Catalog Numbers: PG2-AMS3-1k, 2k, 3k, 5k, 10k, 20k.

Synonym: Amine PEG Cy3, Amino PEG Cy3, Cy3 PEG NH₂**Description:**

Cy3 PEG amine is one of Nanocs' red fluorescent PEG derivatives that have excitation/emission wavelength at 550 nm/570 nm. Cy3 has strong red fluorescent signal while amine groups can be used to react with a variety of amine reactive groups such as succinimidyl NHS ester, aldehyde, epoxide, etc. Reaction of amines to other functional groups allows labeling and conjugation of Cy3 PEG dyes to various substrates, such as protein, antibodies or particles. PEG linker between Cy3 dye and amine group offers better water solubility, flexible linker structure and enhanced photo-stability. Compared to regular fluorescent dyes, Nanocs' 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: **Cy3 PEG amine.**
- Appearance: Pink/red solid, semi-solid depends on molecular weight.
- Solubility: 5 mg/mL, clear in water, chloroform, DMSO, DMF etc.
- Reactive group: Amine (-NH₂).
- Ex/Em wavelength: 550 nm/570 nm.

Handling and Use:

Cy3 PEG amine 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:

Amino PEG Cy3 should be stored at -20 °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:

Cy3 PEG NHS	Cy3 PEG Azide
Cy3 PEG Maleimide	Cy3 PEG Biotin
Cy3 PEG COOH	Cy3 PEG Thiol

To Order:

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