

**TECHNICAL DATA SHEET**

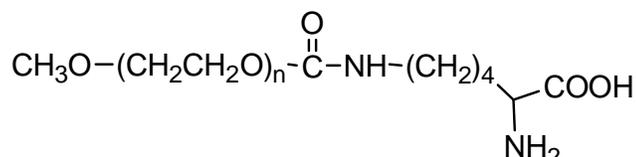
## Methoxyl PEG L-Lysine

Catalog Numbers: PG1-LYS-1k, 2k, 5k, 10k, 20k, 30k, 40k.

### Description:

Nanocs L-lysine functionalized methoxyl polyethylene glycol (mPEG-lysine) is a monofunctional PEG amino acid derivative that can be used to modify proteins, peptides, particles and other materials with its free amine and acid groups. PEGylation can increase solubility and stability and reduce immunogenicity of peptides and proteins. It can also suppress the non-specific binding of charged molecules to the modified surfaces. This material has broad applications in the field of medical device modification, biomolecule pegylation as well as particle surface functionalization.

### Product Structure:



### Product Specifications:

- Composition: mPEG L-lysine.
- Appearance: White/off-white solid, semi-solid or liquid depends on molecular weight.
- Solubility: Soluble in water, ethanol, chloroform, DMSO, etc.
- Stability: 12 months at 4~8 °C.

### Handling and Use:

PEG lysine is relatively stable in normal condition. For best use, material 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](http://www.nanocs.net).

### Storage Conditions:

Product should be stored at 4~8 °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.**

### To Order:

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