

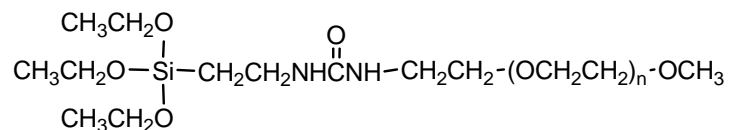
TECHNICAL DATA SHEET**Methoxy PEG Silane, MW 350, 550, 750, 1k, 2k, 5k, 10k, 20k, 30k, 40k**

Catalog Numbers: PG1-SL-350, 550, 750, 1k, 2k, 5k, 10k, 20k, 30k, 40k.

Synonym: Methoxypolyethylene glycol silane, mPEG-silane, triethoxysilane PEG, trimethoxysilane PEG, PEG silane

Description:

Methoxy PEG silane (mPEG-silane) is one of Nanocs' monofunctional polyethylene glycol silane derivatives that can be used to modify glass, silica and other surfaces via the reaction between hydroxyl group and alkoxy silane group. Triethoxyl, trimethoxyl or other alkoxy silane reacts with -OH groups easily with catalytic amount of water. In addition, Nanocs' silane PEG derivatives are soluble in aqueous solution. All reactions can be performed in aqueous solution without need any organic solvents. Alkoxy groups hydrolyze readily in aqueous solution and reaction can be completed at room temperature in 30~60 min.

Product Structure:**Product Specifications:**

- Composition: **Methoxy PEG Silane.**
- Appearance: White/off-white solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, ethanol, chloroform, DMSO, etc.
- Stability: 3 months at -20 °C.

Handling and Use:

Silane PEG is sensitive to moisture and temperature. For best use, PEG silane products should always be kept in low temperature in dry condition. Prepare fresh solution right before use. Avoid frequent thaw and freezing. We suggest using all Silane PEG derivatives

within 3 months after receiving. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

Silane PEG products should be stored at -20 °C. Desiccate. Protect from light. Materials may be handled under inert gas for best stability. Re-test material after 3 months.

This product is for research use only and is not intended for use in humans or for diagnostic use.

Related Products:

Silane PEG NHS	Silane PEG Maleimide
Silane PEG amine	Silane PEG Biotin
Silane PEG COOH	Silane PEG Thiol

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