

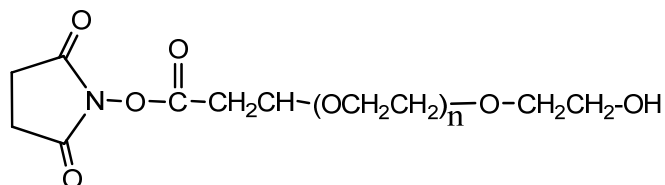
TECHNICAL DATA SHEET**NHS PEG OH, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

Synonym: Hydroxy PEG NHS, NHS PEG Hydroxy

Description:

NHS PEG OH is one of Nanocs' reactive heterobifunctional polyethylene glycol derivatives that have a NHS and a hydroxyl group linked through a linear PEG chain. NHS is an amine (-NH₂) specific reactive group and NHS reacts with amine at alkaline pH quickly and efficiently. PEG linker bridged NHS and OH group offers better water solubility, flexible linker structure and enhanced stability. The other PEG terminal hydroxyl group can be used for other chemical reactions. NHS PEG OH crosslinker is a useful pegylation reagent that can be used to modify amino groups from proteins, antibodies, particles and other materials.

Product Structure:**Product Specifications:**

- Composition: **NHS PEG hydroxyl.**
- Appearance: White/off-white solid, semi-solid depends on molecular weight.
- Solubility: Soluble in water, ethanol, chloroform, DMSO, etc.
- Reactive groups: NHS and OH.
- Reactive to: Amine.

Handling and Use:

Hydroxy PEG NHS is sensitive to moisture and temperature. 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.

Storage Conditions:

NHS PEG OH should be stored at -20 °C. Desiccate. Protect from light. Materials may be handled under inert gas for best stability. Re-test material after 6 months.

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

Related Products:

NHS PEG NHS	NHS PEG COOH
NHS PEG Maleimide	NHS PEG Biotin
Silane PEG NHS	DBCO PEG NHS
NHS PEG azide	

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