

TECHNICAL DATA SHEET

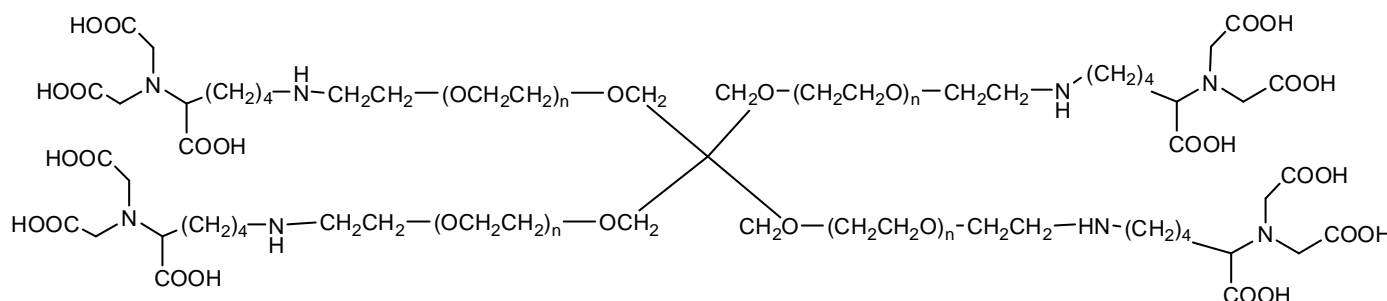
4 Arm PEG NTA, MW 5000, 10k, 20k, 30k, 40k

Catalog Numbers: PG4A-NTA-5k, 10k, 20k, 30k.

Description:

4 arm PEG NTA is one of Nanocs' multifunctional metal chelating PEG derivatives that can be used for targeted drug delivery, nanoparticle and surface functionalization, molecular separation as well as many other applications. Pegylated metal chelating products demonstrate excellent metal binding properties yet with additional functionalities for other applications. **Nitrilotriacetic acid (NTA)** PEGs have excellent affinity toward Nickel, copper, iron and many other metal ions. NTA modified resins have been used for His-tag protein purification for many years. Nanocs offers many different **NTA PEG** products that can be used to attach to resins, particles and array surface. Functional NTA PEGs can be directly used for molecule capture, detection and identification.

Product Structure:



Product Specifications:

- Composition: **4 Arm PEG NTA.**
- Appearance: White to off-white solid or semi-solid depends on molecular weight of PEG.
- Solubility: >5 mg/mL in hot water, chloroform, ethanol, etc.
- Stability: 12 months at -20 °C.

Handling and Use:

For best use, **4 arm NTA PEG** 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:

4 arm PEG NTA should be stored at -20 °C.

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

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