

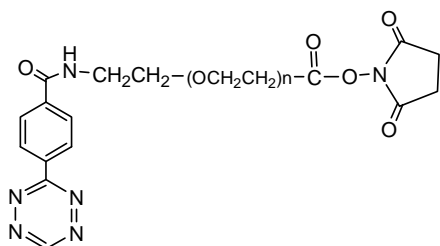
TECHNICAL DATA SHEET**Tetrazine PEG NHS, MW 1000, 2000, 3400, 5000, 10k, 20k**

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

Synonym: NHS PEG Tetrazine, TZ-PEG-NHS

Description:

Tetrazine PEG NHS is one of Nanocs' Click Chemistry PEG crosslinkers that can be used to react with TCO (transcyclooctene) groups. The reaction between tetrazine and TCO is a bioorthogonal reaction that enables the conjugation of two molecules in aqueous solution fast and efficiently. NHS modified tetrazine PEG is able to attach tetrazine tag to proteins, peptides, antibodies or particles via the reaction between NHS group and amines. Compared to other tetrazine molecules, Tetrazine PEG derivatives are water soluble; possess fast kinetics and high stability in aqueous buffer. NHS PEG tetrazine is one of the best pegylation reagents to modify proteins, peptides, antibodies, biopolymers and particles via copper free Click Chemistry reaction.

Product Structure:**Product Specifications:**

- Composition: **Tetrazine PEG NHS.**
- Appearance: Light pink solid, semi-solid depends on molecular weight.
- Solubility: 5 mg/mL, clear in water, chloroform, DMSO.
- Reactive groups: Tetrazine and NHS.
- Reactive to: TCO and NH₂.

Handling and Use:

Tetrazine PEG NHS is sensitive to light and temperature. For best use, material should always be kept in low temperature in dry condition. Protect from light. Avoid frequent thaw and freezing. For more information about using this product, visit www.nanocs.net.

Storage Conditions:

NHS PEG Tetrazine should be stored at -20 °C. Protect from light. 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:

Tetrazine PEG NH₂
Tetrazine PEG FITC
Tetrazine PEG SH

Tetrazine PEG COOH
Tetrazine PEG Maleimide
Tetrazine PEG Biotin

To Order:Order online: www.nanocs.netOrder by Email: sales@nanocs.com

Order by phone: 1(800) 388-4221; 1(888) 908-8803

For more information, visit www.nanocs.net