

## **Lumiprobe Corporation**

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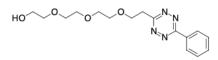
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## **Tetrazine-PEG3-OH**

http://www.lumiprobe.com/p/peg3-tetrazine

Tetrazine-PEG3-OH is a monoreactive derivative that allows a facile attachment of hydrophilic triethyleneglycol fragment (pegylation) by inverse electron demand Diels-Alder reaction (IEDDA) with strained olefins, such as trans-cyclooctenes, and some cyclooctynes.



## Structure of PEG3-tetrazine

## **General properties**

IUPAC name:

Appearance: purple oil Molecular weight: 334.37 Molecular  $C_{16}H_{22}N_4O_4$ 

formula:

Solubility: good in most organic solvents (excluding hydrocarbons)

Quality control: NMR <sup>1</sup>H, HPLC-MS (95%)

Storage: 24 months after receival at -20°C in the dark. Transportation: at room temperature for up to 3

2-(2-{2-[2-(6-Phenyl-1,2,4,5-tetraazin-3-yl)ethoxy]ethoxy}ethoxy)ethanol

conditions: weeks. Avoid prolonged exposure to light. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy

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