

## **Lumiprobe Corporation**

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## **TETA-PEG4-azide hydrochloride**

http://www.lumiprobe.com/p/teta-peg4-azide-hydrochloride

TETA (1,4,8,11-Tetraazacyclotetradecane-1,4,8,11-tetraacetic acid) is a complexing agent for di- and trivalent metal ions. TETA-PEG4-azide is a bifunctional linker containing chelating and azide groups for conjugation with alkyne-containing biomolecules. The structure of the reagent features a long hydrophilic PEG4 linker that separates the TETA residue from the target molecule. The linker also enhances aqueous solubility to facilitate conjugation.

## Structure of TETA-PEG4-azide hydrochloride

## **General properties**

Appearance: white powder

Molecular weight: 778.56

Molecular formula: C<sub>26</sub>H<sub>52</sub>Cl<sub>4</sub>N<sub>8</sub>O<sub>10</sub>

Solubility: good in water, DMSO, methanol Quality control: NMR <sup>1</sup>H and HPLC-MS (95+%)

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

Desiccate.

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food, drug, medical device, cosmetic, no express or implied authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, for humans or animals or for commercial

purposes.