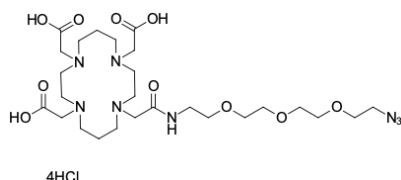


TETA-PEG4-azide hydrochloride

<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: $C_{26}H_{52}N_8Cl_4O_{10}$

Solubility: good in water, DMSO, methanol

Quality control: NMR 1H and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at $-20^{\circ}C$ in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

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