

Lumiprobe Corporation

115 Airport Dr Suite 160 Westminster, Maryland 21157

USA

Phone: +1 888 973 6353 Fax: +1 888 973 6354 Email: order@lumiprobe.com

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: C₂₆H₅₂Cl₄N₈O₁₀

Solubility: good in water, DMSO, methanol Quality control: NMR ¹H 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.

Legal statement: Product is offered and sold for research purposes only. Product is not tested for safety and efficacy in

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.