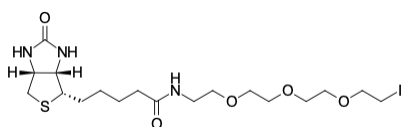


Biotin-PEG4-iodide

<http://www.lumiprobe.com/p/biotin-peg4-iodide>

Biotin-PEG4-iodide is a highly reactive biotinylation reagent. The iodide group participates in nucleophile substitution reactions and can readily and efficiently interact with various C-, N-, O-, and S-nucleophiles. Biotin-labeled compounds can then be linked to avidin or streptavidin for further purification or detection.

This reagent features a long PEG4-linker that separates the biotin residue from the target molecule, ensuring efficient binding to avidin or streptavidin. The linker also increases the compound's water solubility, thereby facilitating bioconjugation.



Structure of Biotin-PEG4-iodide

General properties

- p>Appearance: white solid
p>Molecular weight: 529.44
p>Molecular formula: C
- ₁₈
- H
- ₃₂
- IN
- ₃
- O
- ₅
- S
p>Solubility: good in water, DMSO, DCM, DMF
p>Quality control: NMR
- ¹
- H and HPLC-MS (95+%)
p>Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.
p>Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.