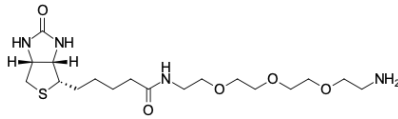


Biotin-PEG4-amine

<http://cn.lumiprobe.com/p/biotin-peg4-amine>

Biotin-PEG4-amine is a tetraethylene glycol (PEG4) based bifunctional molecule containing biotin and a primary amino group. The reagent makes it possible to label various biomolecules (such as DNA, oligonucleotides, and proteins) with biotin by reacting the amino group with NHS esters or carboxylic acids in the presence of EDC or HATU. Biotin-labeled compounds can then be linked to avidin or streptavidin for further purification or detection.

Long PEG4-linker 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.



外观: 418.56
分子量:
CAS 359860-27-8
编号:
分子式: C₁₈H₂₄N₄O₅S
溶解度:
质量控制:
储存条件:
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