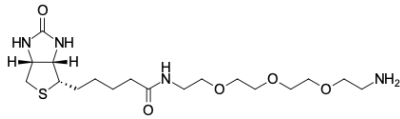


Biotin-PEG4-amine

<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:

分子量: 418.56

分子式:

CAS 359860-27-8

编号:

分子式: C₁₈H₂₄N₄O₅S

溶解度:

质量

控制:

储存

条件:

法律

声明:

本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。