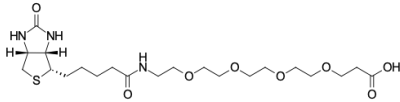


Biotin-PEG4-carboxylic acid

<http://hk.lumiprobe.com/p/biotin-peg4-carboxylic-acid>

Biotin-PEG4-carboxylic acid is a bifunctional tetraethyleneglycol derivative bearing a carboxy group and biotin moiety. The carboxy group can be activated with peptide coupling reagents like PyBOP or carbodiimides like EDC to form a stable amide linkage with amines. Biotin-labeled biomolecules can be bound to avidin or streptavidin for further purification and detection.

The structure of this reagent features a long hydrophilic PEG4 linker that separates biotin residue from the target molecule for efficient binding with streptavidin. The linker also enhances aqueous solubility to facilitate conjugation.



外观:

分子 491.61

量:

CAS 721431-18-1

编号:

分子 $C_{21}H_{37}N_3O_8S$

式:

IUPAC 3-[2-[2-[2-[2-[5-[(3aS,4S,6aR)-2-oxo-1,3,3a,4,6,6a-hexahydrothieno[3,4-d]imidazol-4-yl]]pentanoylamino]ethoxy]ethoxy]ethoxy]ethoxy]propanoic
名称: acid

溶解

度:

质量

控制:

储存

条件:

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