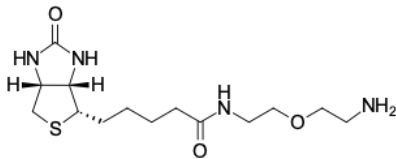


## Biotin-PEG2-amine

<http://hk.lumiprobe.com/p/biotin-peg2-amine>

Biotin-PEG2-amine is a diethylene glycol (PEG2) 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.

A short PEG2-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: 330.45

CAS 编号: 811442-85-0

分子式: C<sub>14</sub>H<sub>26</sub>N<sub>4</sub>O<sub>3</sub>S

溶解度:

质量控制:

储存条件:

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試, 且未經明示或暗示授權用於其他任何用途, 包括但不限於體外診斷、人類或動物用途, 以及商業用途。