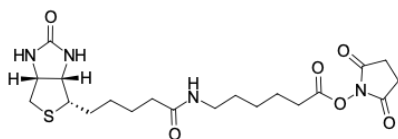


Biotin-X-NHS ester

<http://hk.lumiprobe.com/p/biotin-x-nhs-ester>

Biotin may be conjugated to many proteins while maintaining the biological activity. The biotinylated probe is usually detected by avidin, streptavidin due to their effective binding which is used in various applications such as affinity chromatography, ELISA and Western Blot, fluorescence-activated cell sorting (FACS), intracellular labeling.

Biotin-X-NHS ester is a derivative with C6-spacer to reduce steric effect when binding amino acids, peptides, or proteins by reacting with primary amines. This compound is used to attach biotin to primary amines under alkaline conditions (pH 8-9).



外观:

质谱 339.2

M⁺ 增量:

量:

分子量: 454.55

CAS 编号: 72040-63-2

号:

分子式: C₂₀H₃₀N₄O₆S

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

溶解度:

质量控制:

制:

储存条件:

件:

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