

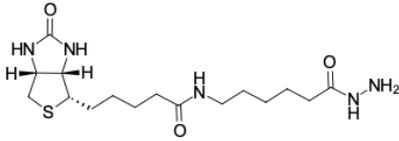
Biotin-X-hydrazide

<http://cn.lumiprobe.com/p/biotin-aminohexanoic-acid-hydrazide>

Hydrazide biotin reagent with aminocaproic spacer useful for biotinylation of macromolecule reactive carbonyls.

Under acidic conditions, biotin-X-hydrazide couples selectively to aldehydes, and acid residues oxidized to aldehydes. It is used to prepare biotin-tagged glycoproteins, glycolipids, and antibodies via carboxylic groups cross-linking through carbodiimide chemistry. Hydrazide biotin is a reagent for common use in carbonylation research.

The aminocaproic spacer arm relieves steric hindrance for binding to streptavidin and avidins.



外观

分子 371.51

子量

分子式 C₁₆H₂₉N₅O₃S

分子式

溶解度

质量

控制

储存

条件

声明

声明