

# Quick Label™ Biotinylation Reagents

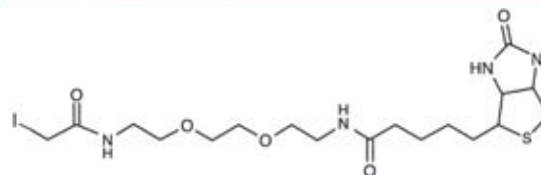
American Peptide Company, Inc. has developed a line of biotinylation reagents with high purity for biotinylation of proteins and peptides. Use the table below to select the right biotinylation reagents.

Functional Group	Reactive Group	Linkage Formed
Primary Amine Peptide (Protein) -NH <sub>2</sub>	Succinimidyl Ester Biotin	Amide Bond Biotin -C(=O)-NH- Peptide (Protein)
Sulfhydryl Peptide (Protein) -SH	Maleimide Biotin	Thioether Bond Biotin -S- Peptide (Protein)
Sulfhydryl Peptide (Protein) -SH	Iodoacetyl Biotin	Thioether Bond Biotin -C(=O)-CH <sub>2</sub> -S- Peptide (Protein)
Carboxyl Peptide (Protein) -COOH	Other Biotin -NH <sub>2</sub>	Amide Bond Biotin -NH-C(=O)- Peptide (Protein)

## Biotin-PEG2-Iodoacetyl Catalog #

MW 542.44 C<sub>18</sub>H<sub>30</sub>N<sub>4</sub>SI QLB-REAG107

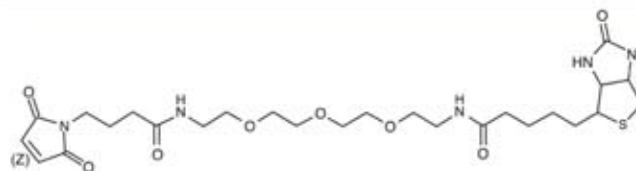
Biotin-PEG2-Iodoacetyl



## Biotin-PEG3-Maleimide Catalog #

MW 569.68 C<sub>25</sub>H<sub>39</sub>N<sub>5</sub>O<sub>8</sub>S QLB-REAG108

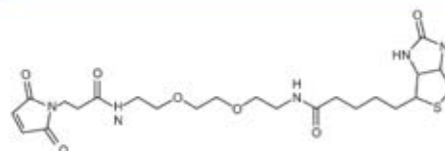
Biotin-PEG3-Maleimide



## Biotin-PEG2-Maleimide Catalog #

MW 525.63 C<sub>25</sub>H<sub>39</sub>N<sub>5</sub>O<sub>7</sub>S QLB-REAG109

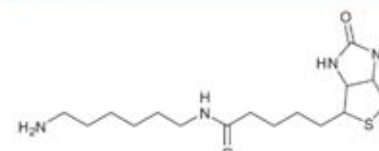
Biotin-PEG2-Maleimide



## Biotin-Dah Catalog #

MW 342.51 C<sub>16</sub>H<sub>30</sub>N<sub>4</sub>O<sub>2</sub>S QLB-REAG110

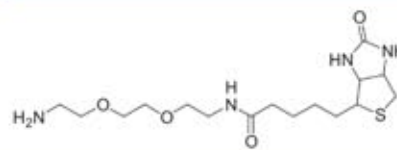
Biotin-Dah



## Biotin-PEG2-NH2 Catalog #

MW 374.51 C<sub>16</sub>H<sub>30</sub>N<sub>4</sub>O<sub>4</sub>S QLB-REAG112

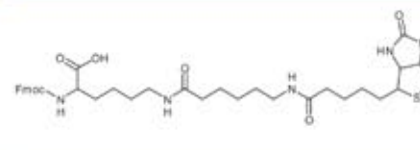
Biotin-PEG2-NH<sub>2</sub>



## Fmoc-Lys(C6-Biotin)-OH Catalog #

MW 707.90 C<sub>27</sub>H<sub>49</sub>N<sub>5</sub>O<sub>7</sub>S QLB-REAG113

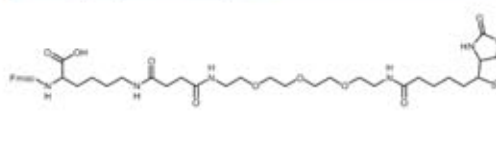
Fmoc-Lys(C6-Biotin)-OH



## Fmoc-Lys(PEG3-Biotin)-OH Catalog #

MW 869.06 C<sub>43</sub>H<sub>60</sub>N<sub>6</sub>O<sub>11</sub>S QLB-REAG114

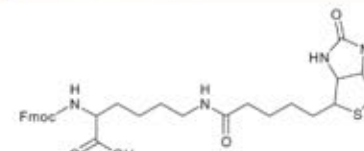
Fmoc-Lys(PEG3-Biotin)-OH



## Fmoc-Lys(Biotin)-OH Catalog #

MW 594.74 C<sub>31</sub>H<sub>38</sub>N<sub>4</sub>O<sub>6</sub>S QLB-REAG-115

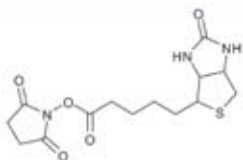
Fmoc-Lys(Biotin)-OH



## Biotin-OSu Catalog #

MW 341.39 C<sub>14</sub>H<sub>19</sub>N<sub>3</sub>O<sub>5</sub>S QLB-REAG100

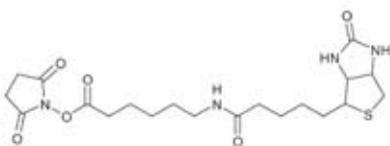
Biotin-OSu



## Biotin-C6-OSu Catalog #

MW 454.55 C<sub>20</sub>H<sub>30</sub>N<sub>4</sub>O<sub>6</sub>S QLB-REAG102

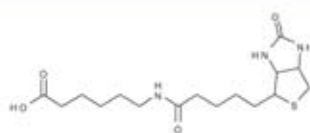
Biotin-C6-OSu



## Biotin-C6-OH Catalog #

MW 357.48 C<sub>16</sub>H<sub>27</sub>N<sub>3</sub>O<sub>4</sub>S QLB-REAG101

Biotinyl-6-aminocaproic acid



## Biotin-Dah-iodoacetyl Catalog #

MW 510.44 C<sub>18</sub>H<sub>31</sub>N<sub>4</sub>O<sub>3</sub>SI QLB-REAG105

Biotin-Dah-iodoacetyl

