Post-Translational Modifications of Cytochrome c in Cell Life and Disease

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Supplementary Materials

Table S1. Non-canonical amino acid

| Modified residues | Unnatural amino acid mimic | reference |
|-------------------|-----------------------------|-----------|
| Phosphotyrosine   | 4'-carboxymethoxy-3'-phosphonophenylalanine | [1]        |
|                   | N-[4-(2-[2-[3-(2-Bromo-acetylamino)-propionylamino]-3-hydroxypropionylamino]-ethyl)-phenyl]-oxalamic acid | [2]        |
|                   | 3-(4-[2-(2-bromo-acetylamino)-ethyldisulfanyl]-ethylcarbamoyl)-cyclohexyl-ethylcarbamoyl)-pyrazine-2-carboxylic acid | [2]        |
|                   | Photocaged phosphotyrosine | [3]        |
|                   | Sulfo-tyrosine | [4]        |
|                   | p-carboxymethyl-L-phenylalanine | [5]        |
|                   | p-(phosphonoamino)-phenylalanine | [6]        |
|                   | O-phosphotyrosine | [7]        |
|                   | Benzyl 2-benzyloxycarbonylamino-3-[4-bis(dimethylamino)phosphoryloxyphenyl] propanoate | [8]        |
|                   | 4-phosphomethyl-L-phenylalanine | [9]        |
|                   | p-azido-L-phenylalanine | [10]       |
| Phosphothreonine  | Photocaged phosphothreonine | [3]        |
|                   | O-phospho-L-threonine | [11]       |
| Phosphoserine     | Photocaged phosphoserine | [3]        |
|                   | Phosphonomethylenalanine | [12]       |
| Nitrotyrosine     | 3-nitrotyrosine | [13]        |
| Acetyl-lysine     | N\(^{-}\)acetyl-lysine | [14]        |
|                   | Trifluoracetil-lysine | [15]        |
|                   | 2-amino-8-oxononanoic | [16]        |
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