

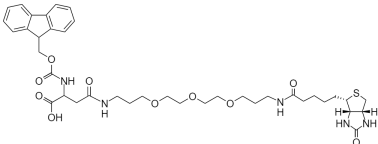
**FMOC-Asp(biotinyl-PEG)-OH**Catalog number: 5023, 5024  
Unit size: 100 mg, 1 g**Product Details**

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Storage Conditions	Freeze (<math>< -15\text{ }^{\circ}\text{C}</math>), Minimize light exposure
Expiration Date	12 months upon receiving

**Chemical Properties**

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Appearance	Solid
Molecular Weight	783.94
Soluble In	DMF
Chemical Structure	

**Applications**

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This PEG biotin-labeled amino acid has excellent solubility in DMF and other solvents used in SPPS. It is an excellent alternative to FMOC-Lys(biotin)-OH (#5020) due to its improved solubility in both organic solvents and water. In addition, the PEG-spacer reduce the hindrance between the target peptide and avidin, leading to better biotin binding. The hydrophilic nature of the PEG minimizes non-specific interactions that can arise from the spacer group becoming buried in the hydrophobic pocket of proteins.