

Product Information Sheet

Ordering Information

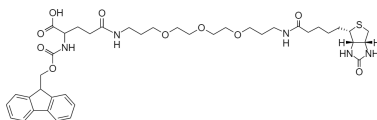
Product Number:	5026
Product Name:	FMOC-Glu(biotinyl-PEG)-OH
Unit Size:	100 mg
Storage Conditions:	Freeze (<-15 °C), Desiccated, Avoid Light
Expiration Date:	12 months upon receiving

Chemical and Spectral Properties

Appearance:

Molecular Weight: 783.94

Chemical Structure:



Soluble In: DMF

Excitation Wavelength: N/A

Emission Wavelength: N/A

Application Notes

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.