

Supplementary information

Characterization of peptide attachment on silicon nanowires by X-Ray photoelectron spectroscopy and mass spectrometry.

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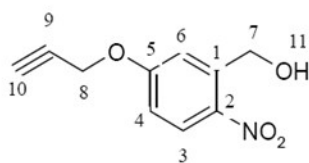
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Product 1



Product 2

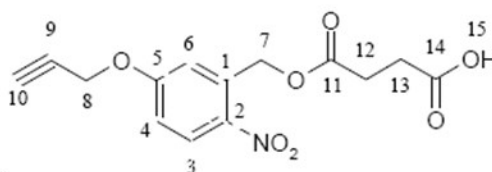


Figure S1: Product 1 & 2.

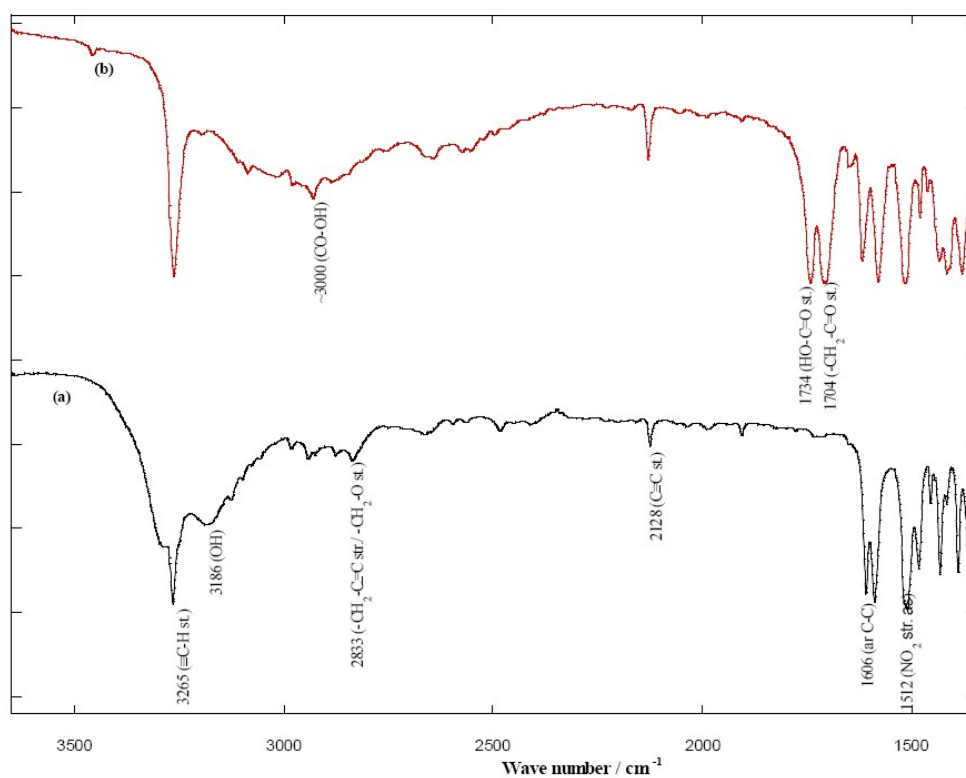


Figure S2: FT-IR spectra of product 1 & 2.

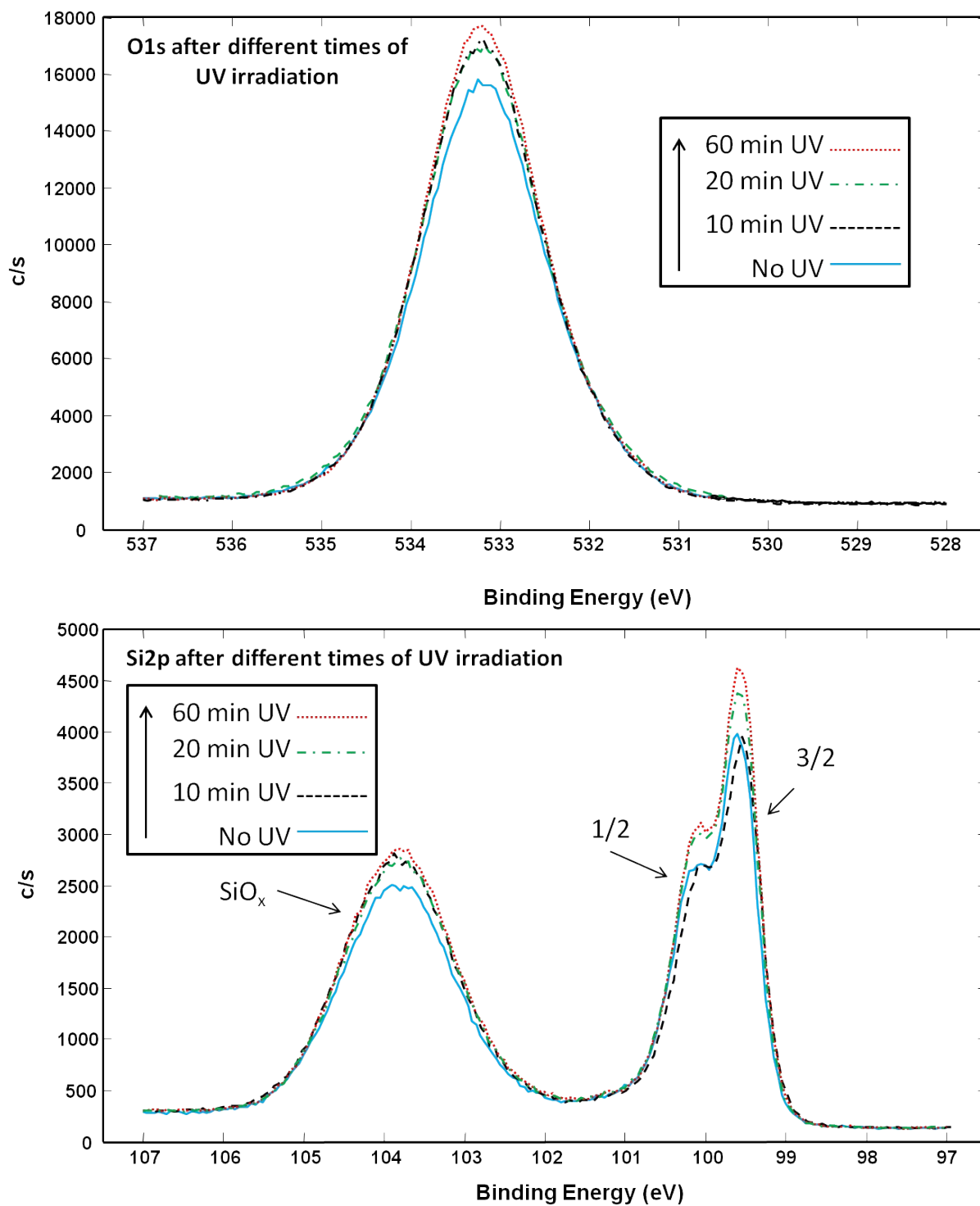


Figure S3: XPS high resolution spectra of O_{1s} and Si_{2p} after 0 (blue), 10 (black), 20 (green) and 60 (red) min of UV irradiation.

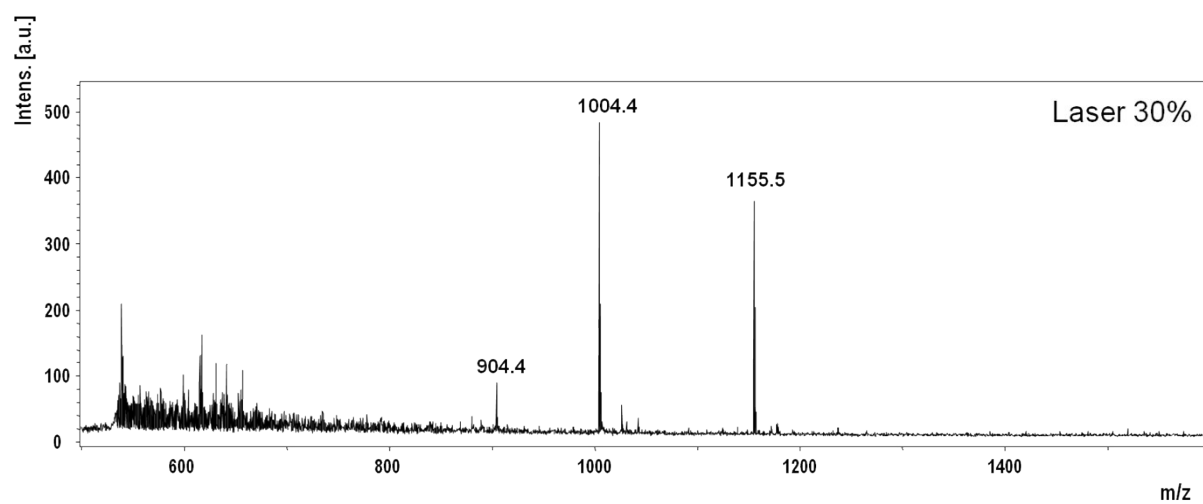


Figure S4: MS spectrum showing the physisorbed DAB (904 m/z) peptide on NanoSi surfaces.

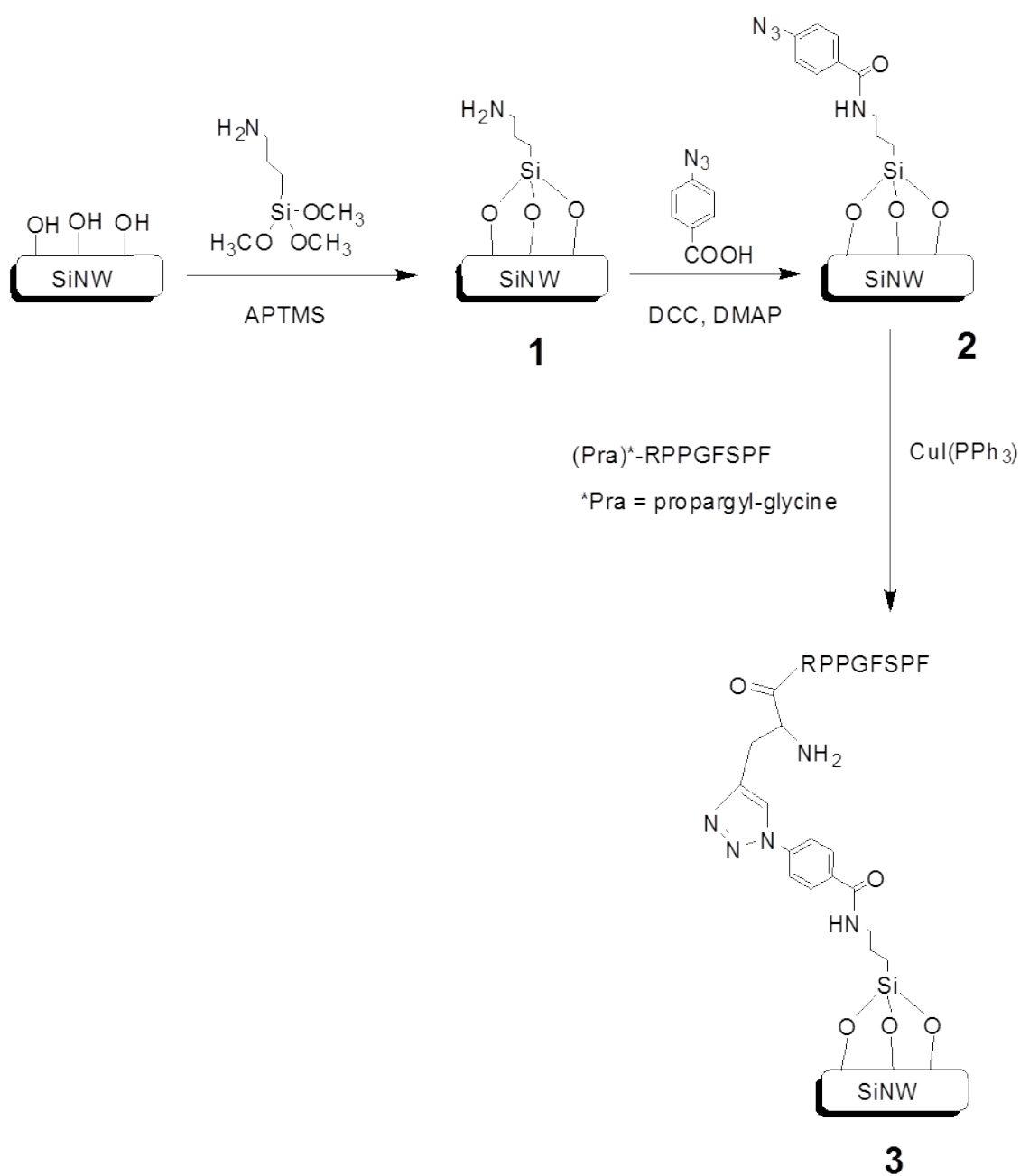


Figure S5: Chemical pathways for propargyl-glycine DAB peptide immobilization on azide terminated SiNW surface.