

Supplementary Materials

Self-supporting hydrogels based on Fmoc-derivatized cationic hexapeptides for potential biomedical applications

Carlo Diaferia ^{1,†}, Elisabetta Rosa^{1,†}, Enrico Gallo ², Giovanni Smaldone ², Mariano Stornaiuolo ¹, Giancarlo Morelli ¹ and Antonella Accardo ^{1,*}

¹Department of Pharmacy and Research Centre on Bioactive Peptides (CIRPeB), University of Naples “Federico II”, Naples, 80134, Italy.

²IRCCS SDN, Via Gianturco 113, Naples, 80143, Italy

*Correspondence: antonella.accardo@unina.it; Tel.: +390812532045

†These authors contributed equally to this work.

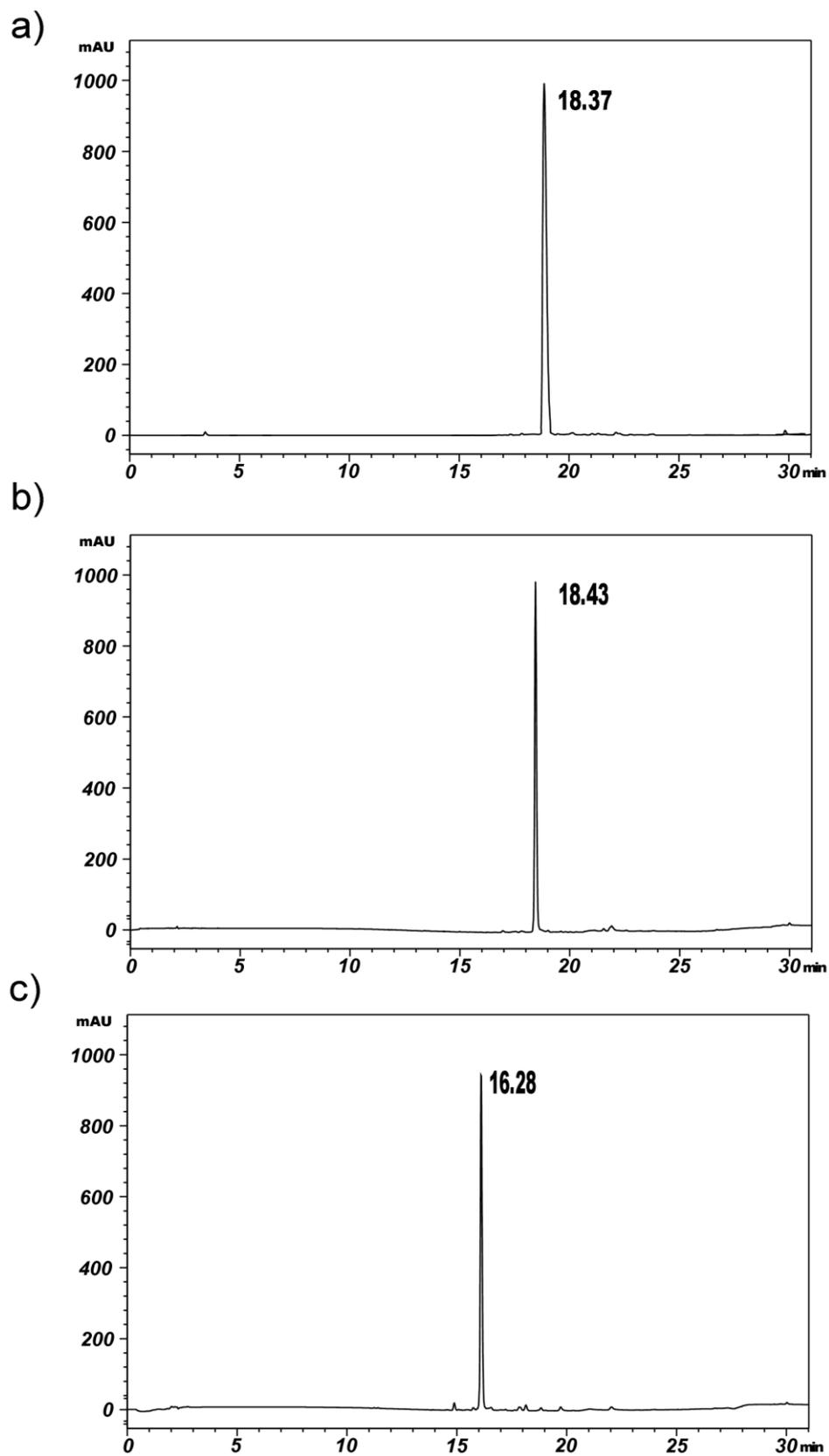


Figure S1: RP-HPLC chromatograms for Fmoc-K1, Fmoc-K2 and Fmoc-K3 peptides.

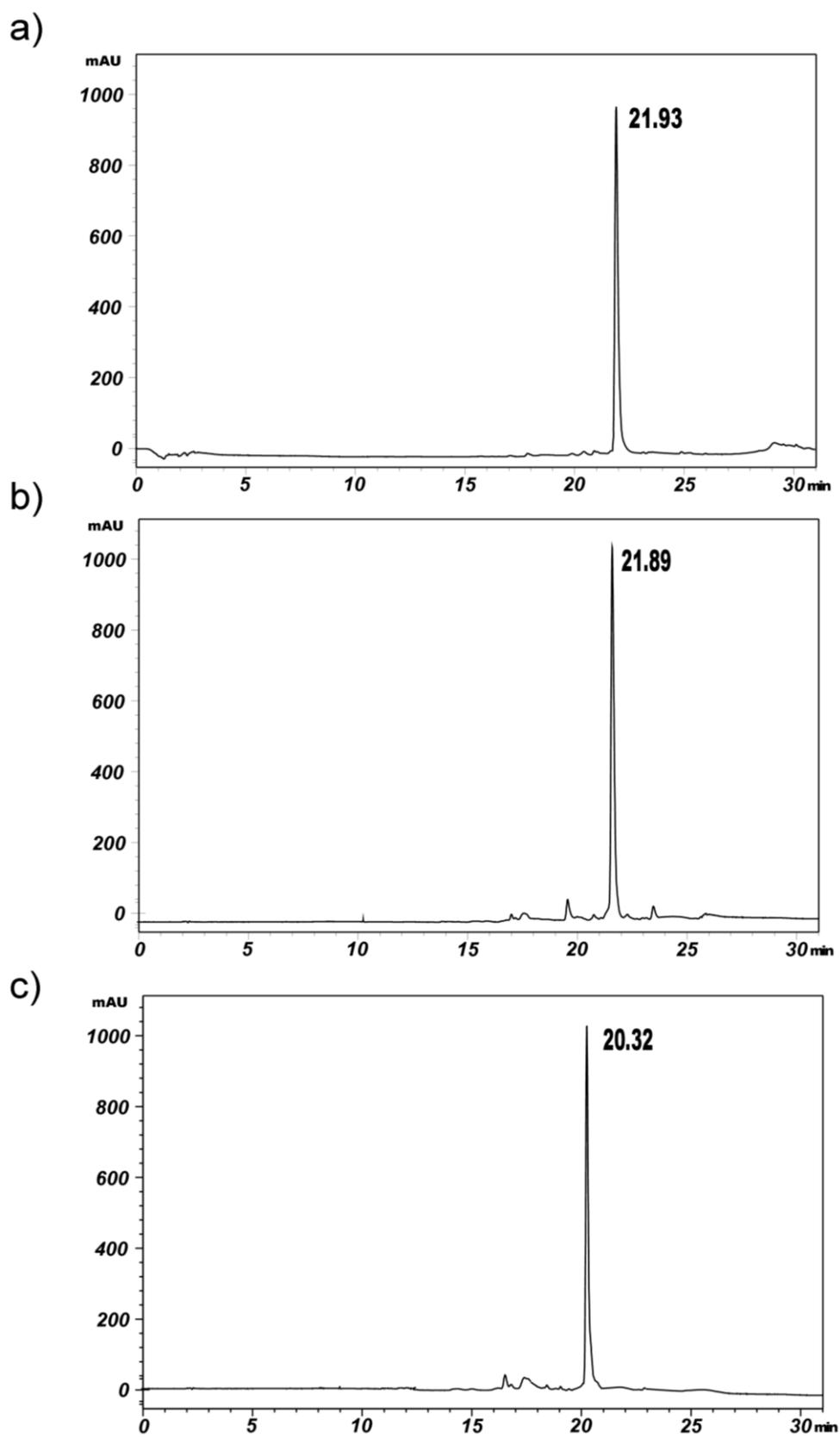
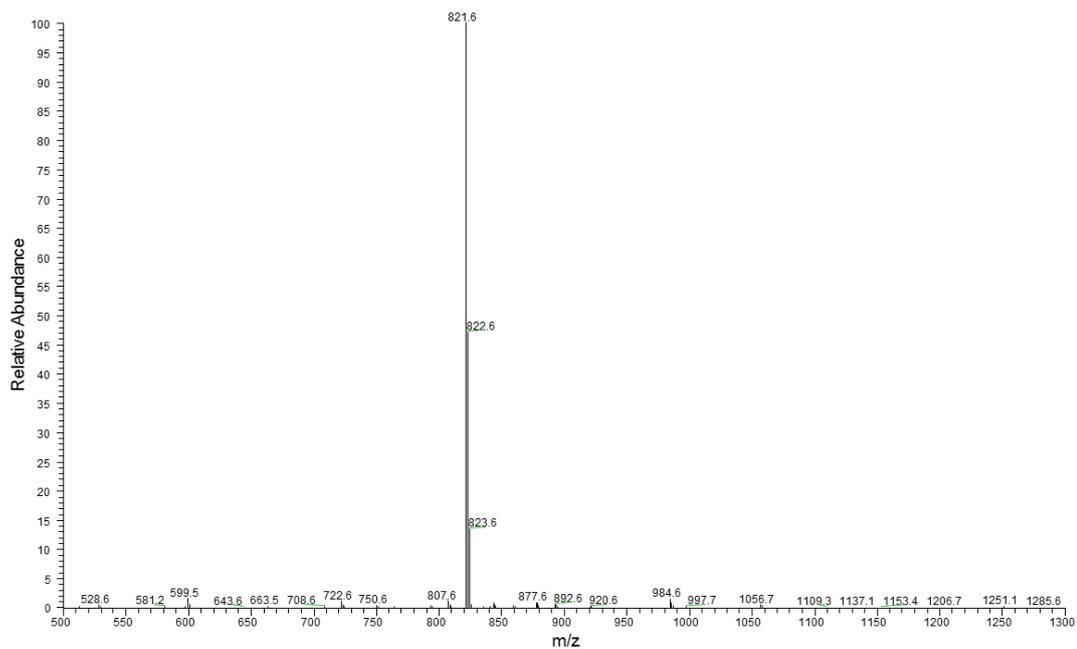


Figure S2: RP-HPLC chromatograms for Fmoc-K1, Fmoc-K2 and Fmoc-K3 peptides.

a)



b)

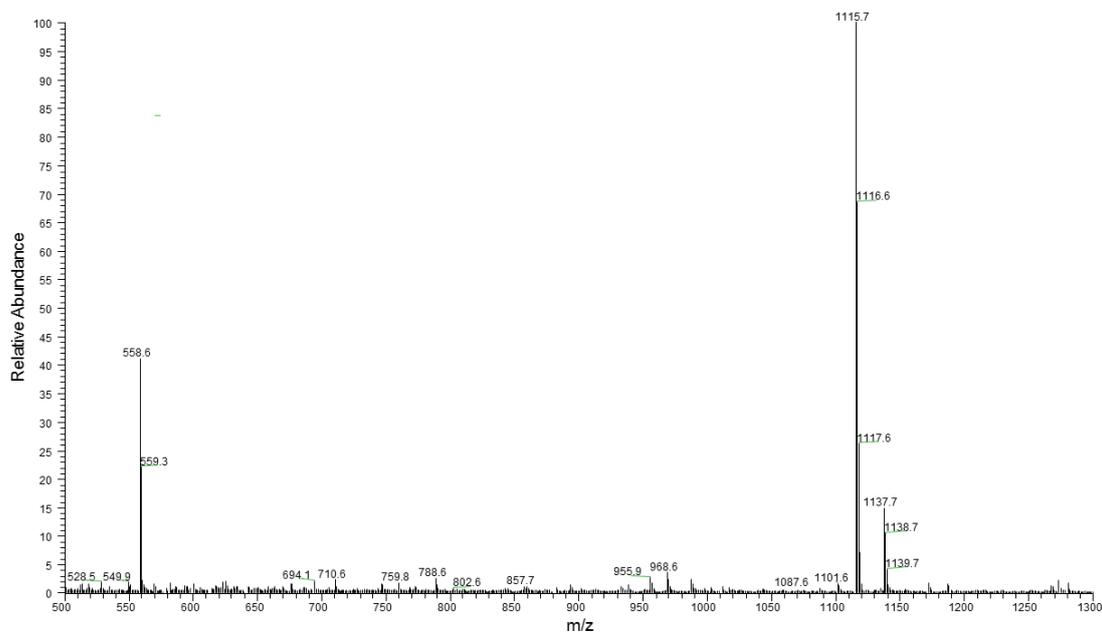
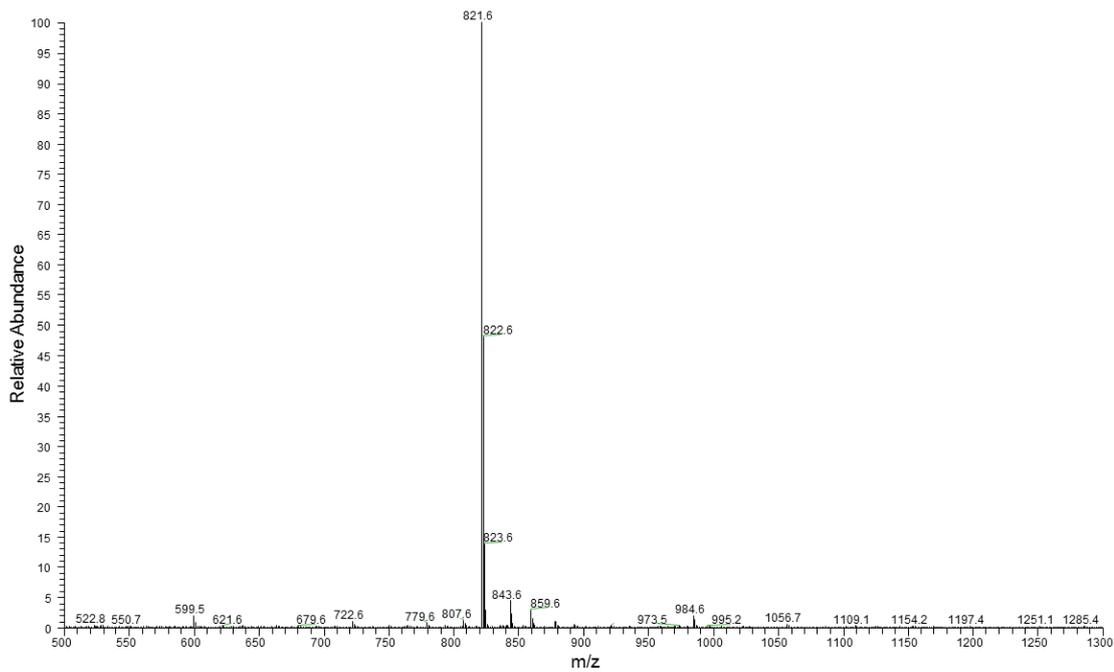


Figure S3: ESI mass spectra of Fmoc-K1 and FmocFF-K1 peptides

a)



b)

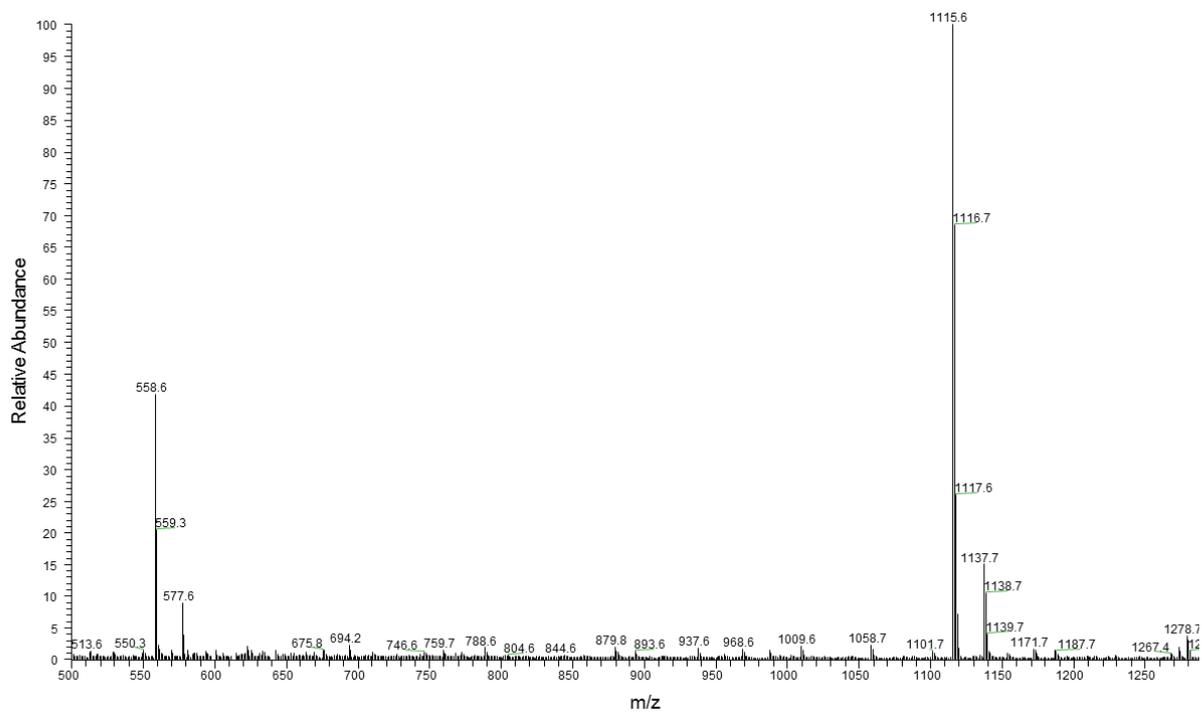
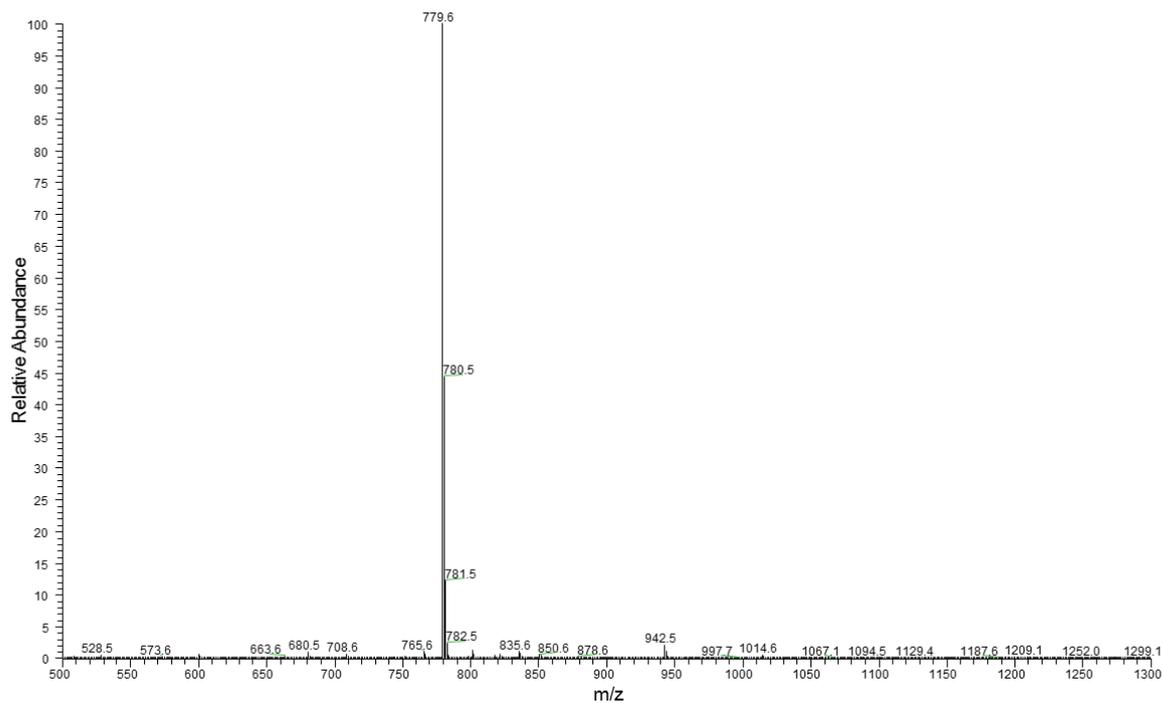


Figure S4: ESI mass spectra of Fmoc-K2 and FmocFF-K2 peptides

a)



b)

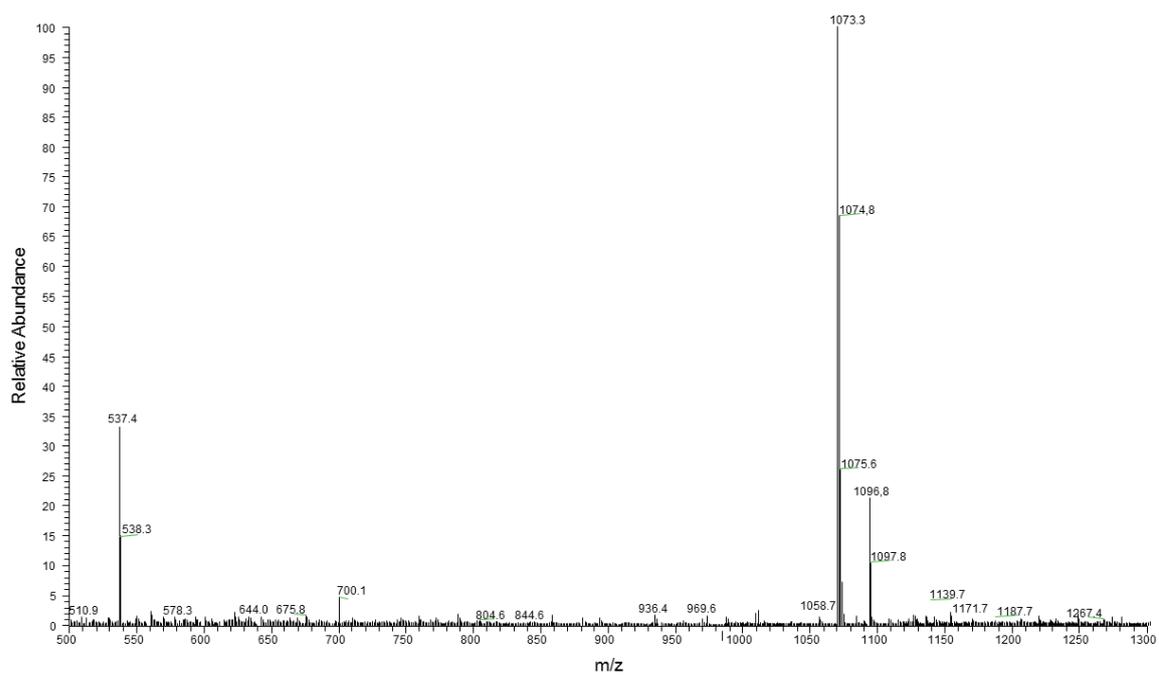


Figure S5: ESI mass spectra of Fmoc-K3 and FmocFF-K3 peptides

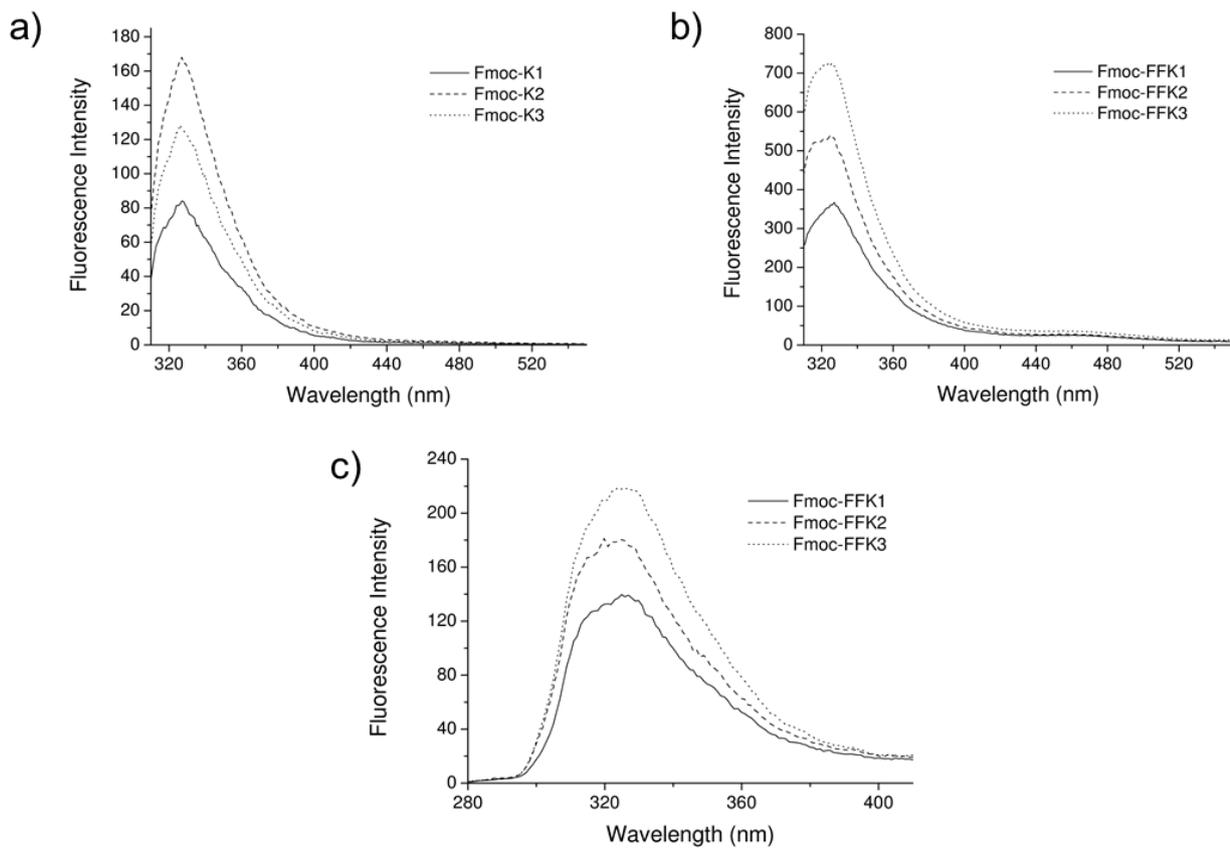


Figure S6: Fluorescence spectra of peptides excited at 301 nm (a, b) and at 257 nm (c).