International Journal of Molecular Sciences

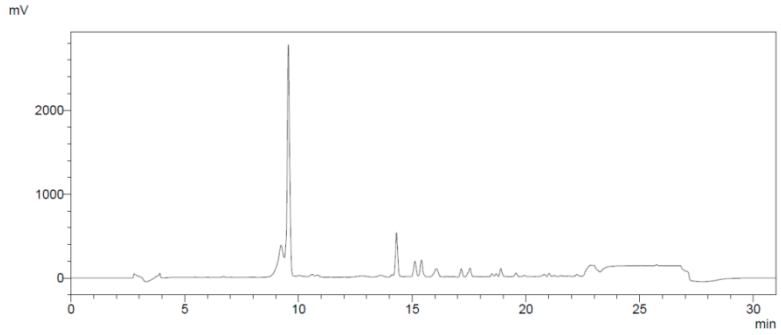
MDPI

Synthesis of Caffeoyl-Prolyl-Histidyl-Xaa Derivatives and Evaluation of Their Activities and Stability upon Long-Term Storage

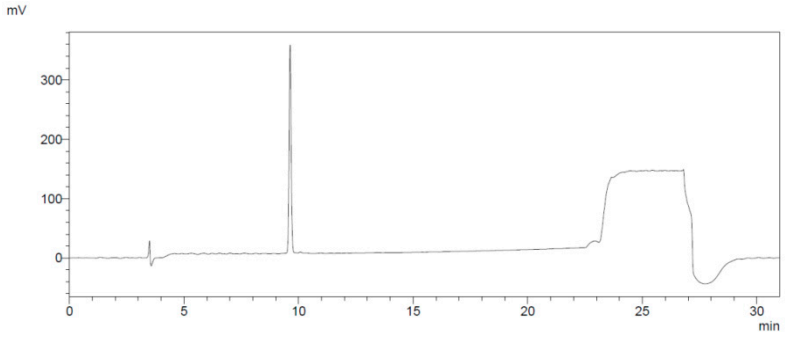
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a)



b)



c)

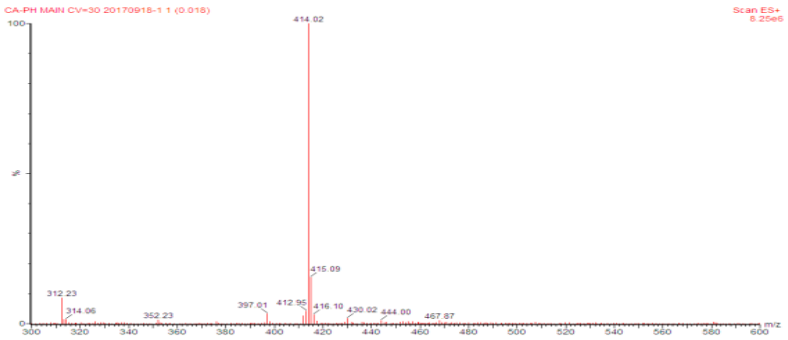
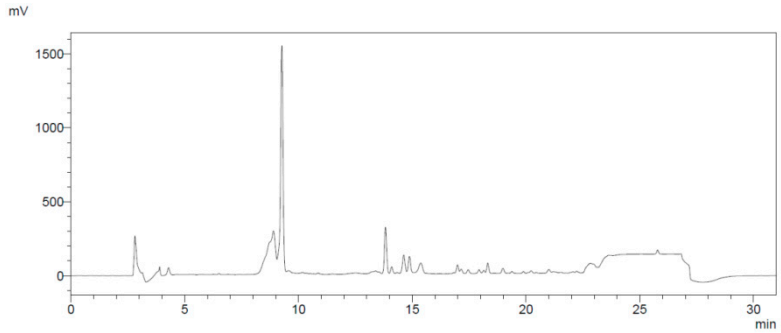
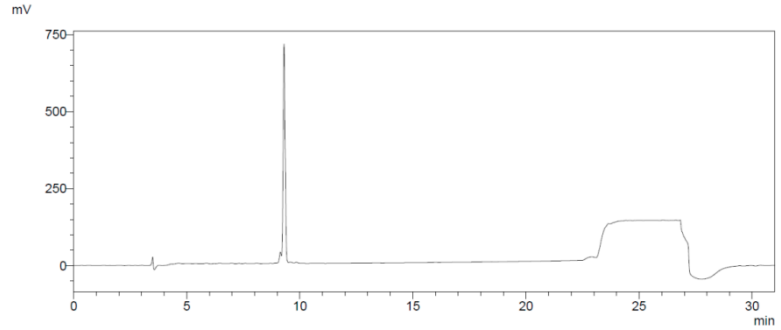


Figure S1. HPLC chromatogram of a) crude CA-PH-NH_2, b) purified CA-PH-NH_2, and c) ESI-MS data of CA-PH-NH_2.

a)



b)



c)

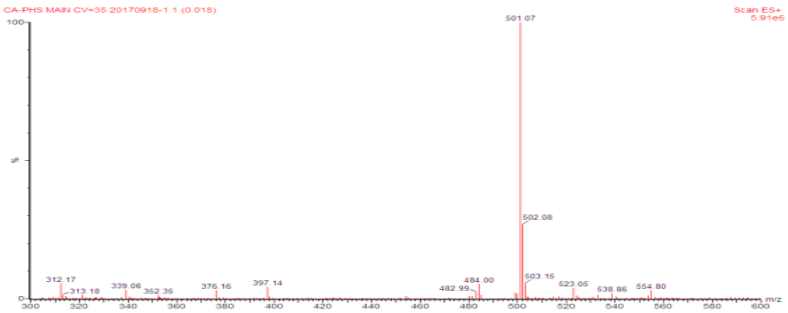
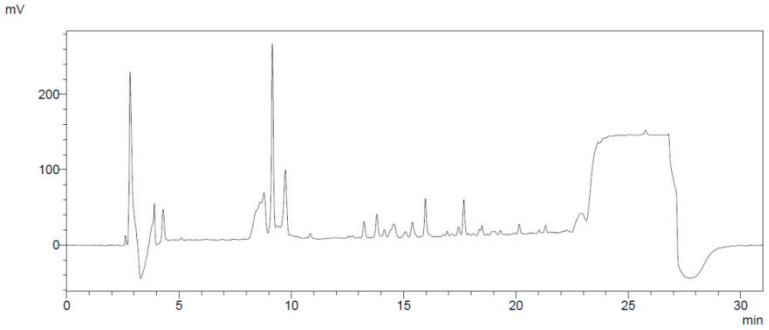
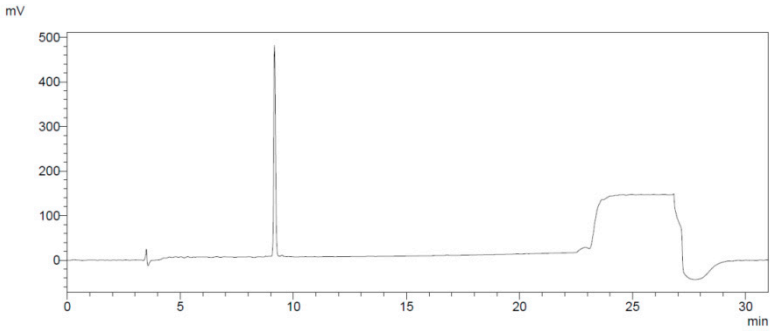


Figure S2. HPLC chromatogram of a) crude CA-PHS-NH_2, b) purified CA-PHS-NH_2, and c) ESI-MS data of CA-PHS-NH_2.

a)



b)



c)

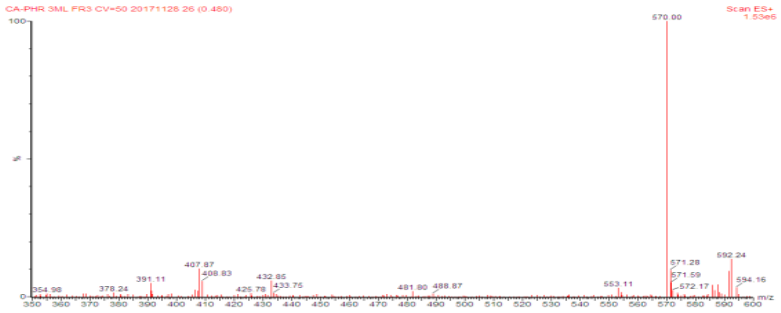


Figure S3. HPLC chromatogram of a) crude CA-PHR-NH_2, b) purified CA-PHR-NH_2, and c) ESI-MS data of CA-PHR-NH_2.

a)

b)

c)

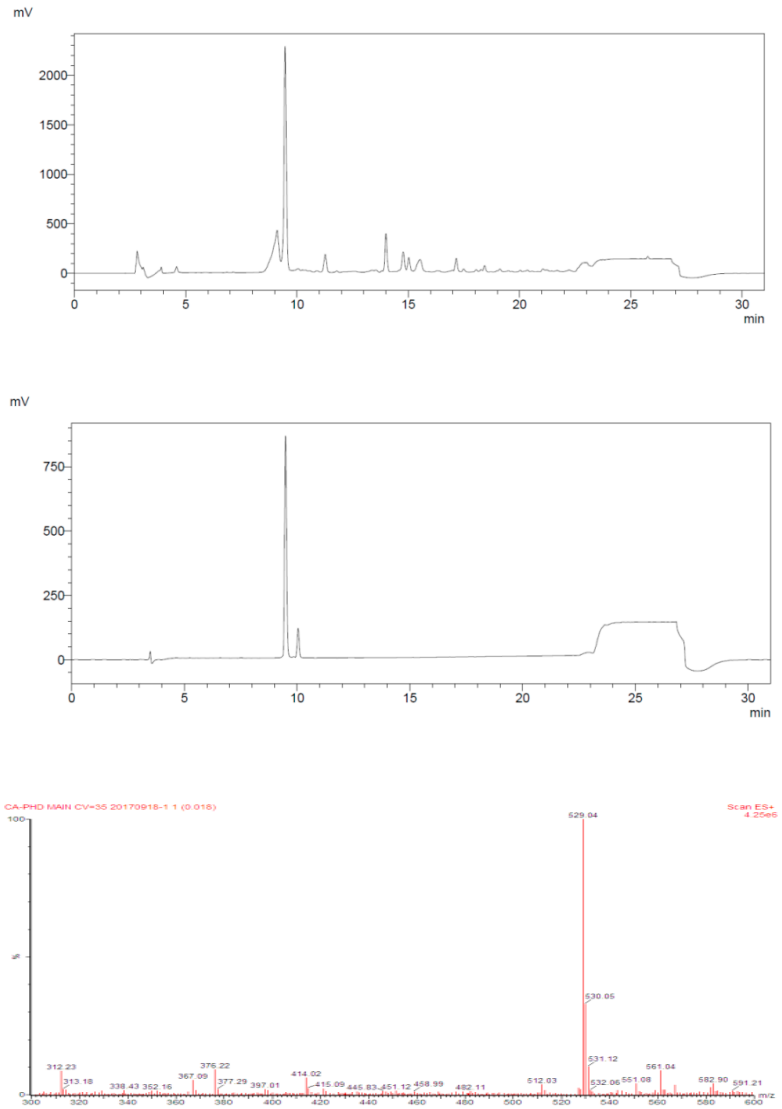
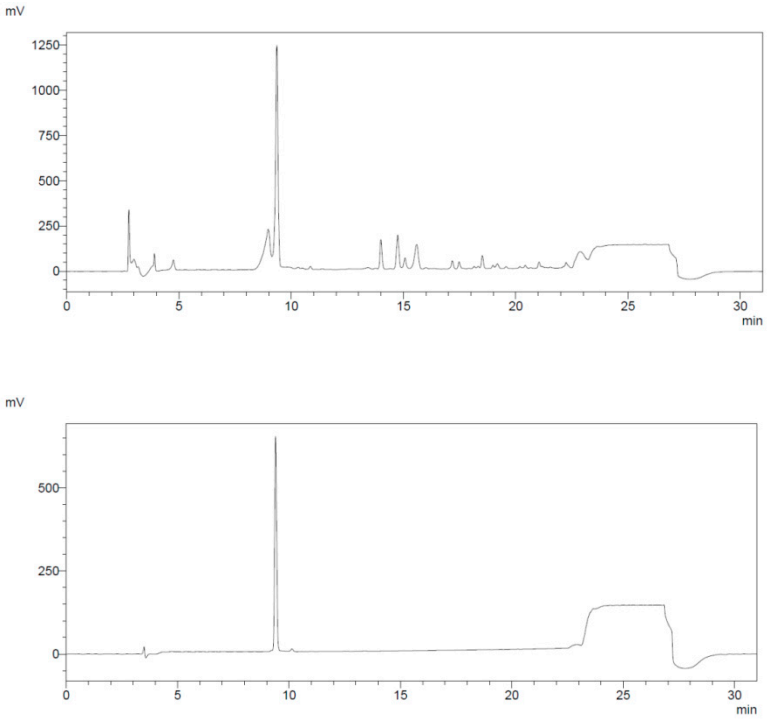


Figure S4. HPLC chromatogram of a) crude CA-PHD-NH_2, b) purified CA-PHD-NH_2, and c) ESI-MS data of CA-PHD-NH_2.

a)

b)



c)

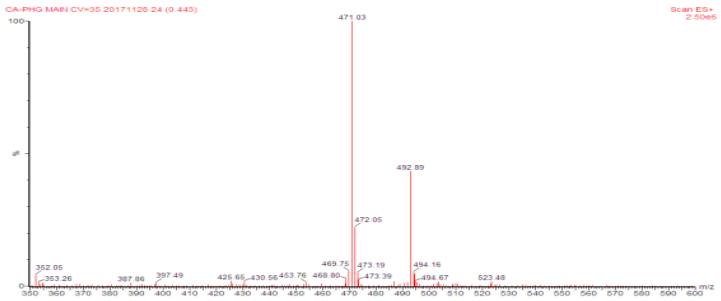
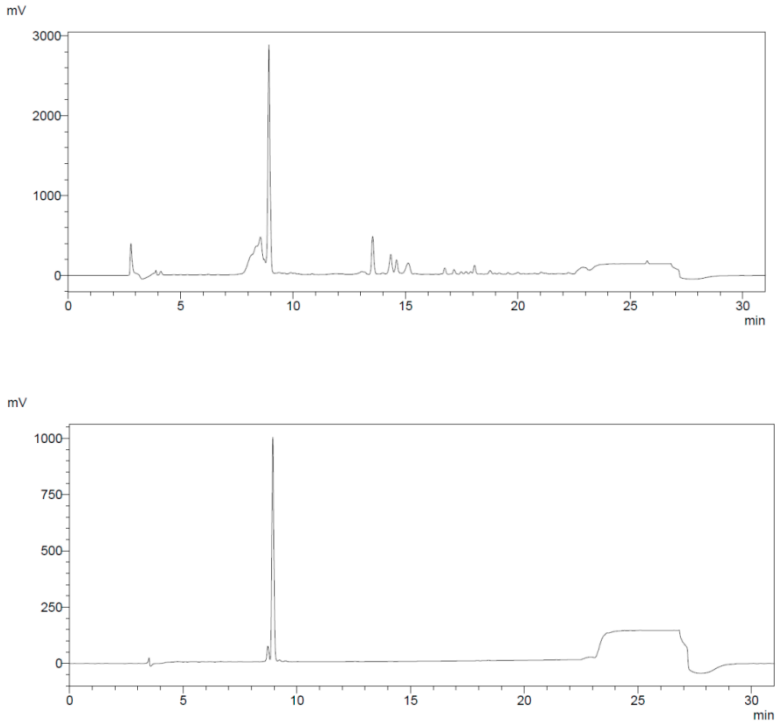


Figure S5. HPLC chromatogram of a) crude CA-PHG-NH_2, b) purified CA-PHG-NH_2, and c) ESI-MS data of CA-PHG-NH_2.

a)

b)



c)

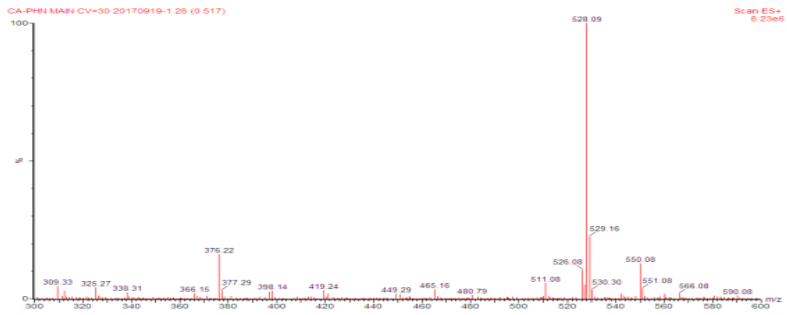


Figure S6. HPLC chromatogram of a) crude CA-PHN-NH_2, b) purified CA-PHN-NH_2, and c) ESI-MS data of CA-PHN-NH_2.

a)

b)

c)

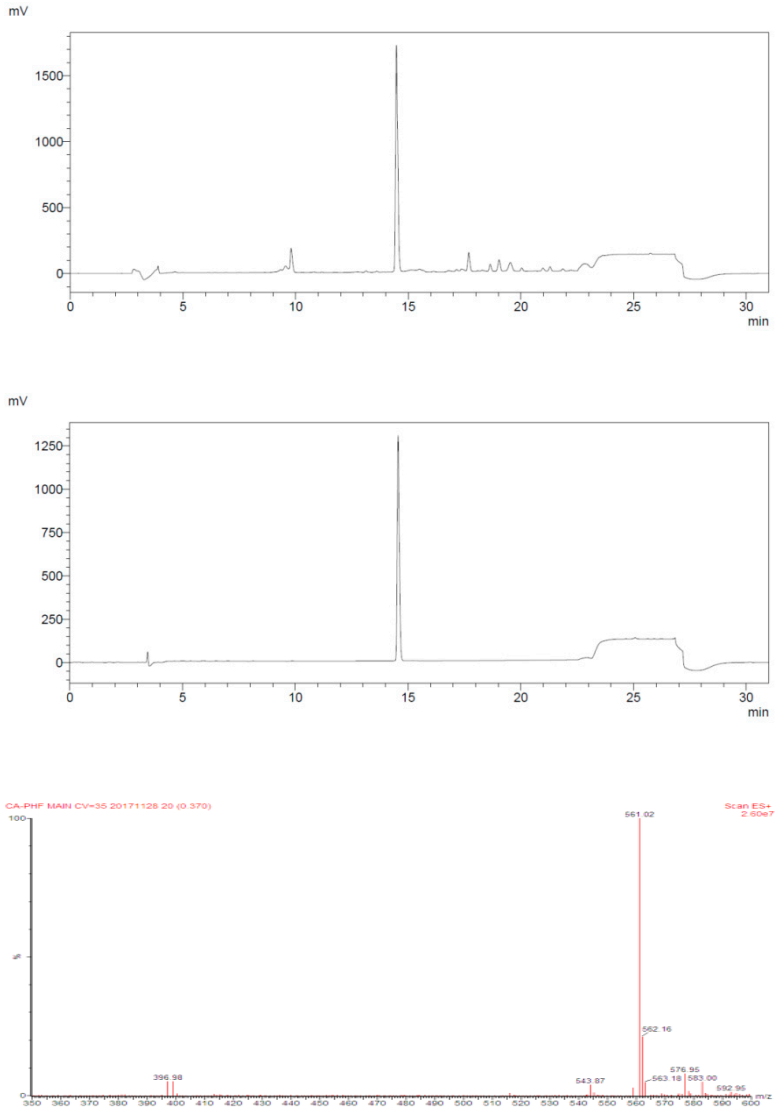


Figure S7. HPLC chromatogram of a) crude CA-PHF-NH_2, b) purified CA-PHF-NH_2, and c) ESI-MS of CA-PHF-NH_2.

a)

b)

c)

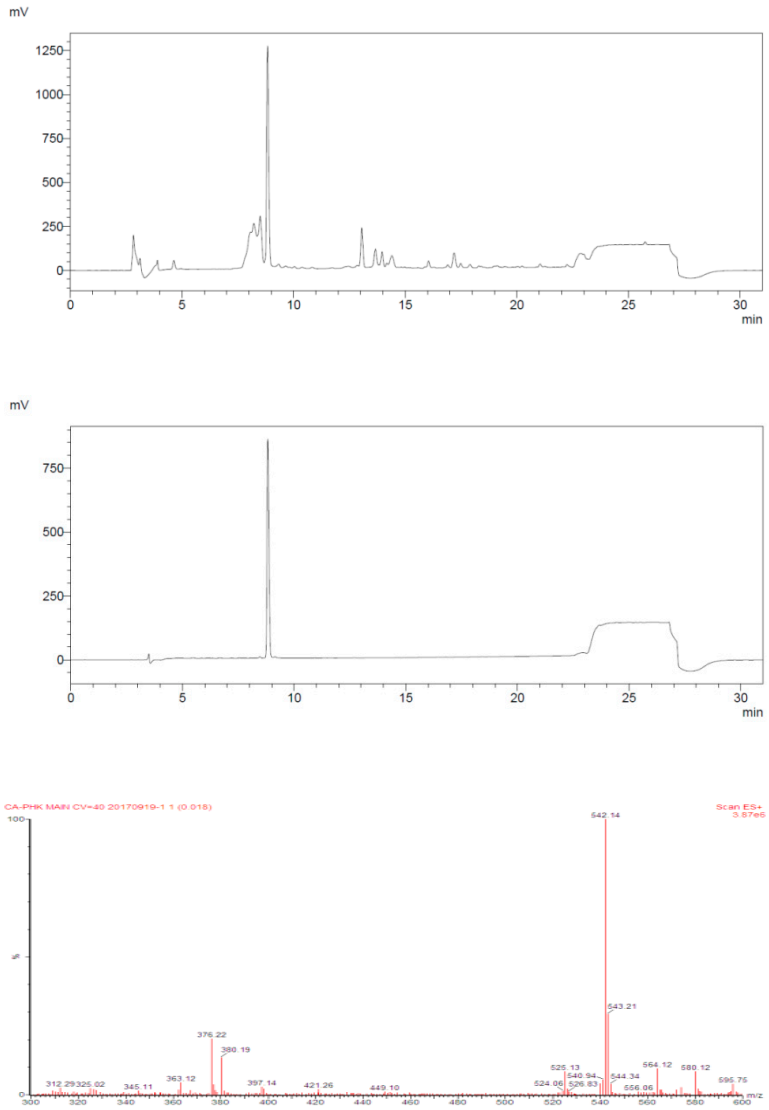


Figure S8. HPLC chromatogram of a) crude CA-PHK-NH_2, b) purified CA-PHK-NH_2, and c) ESI-MS of CA-PHK-NH_2.

a)

b)

c)

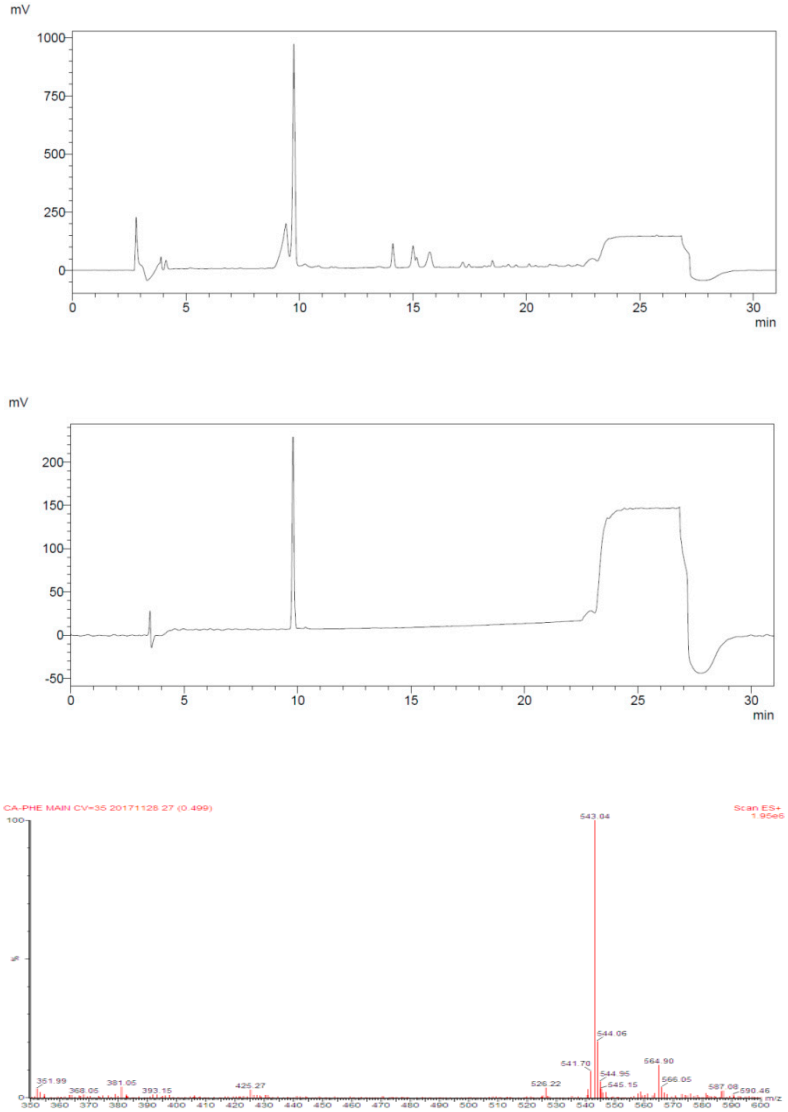
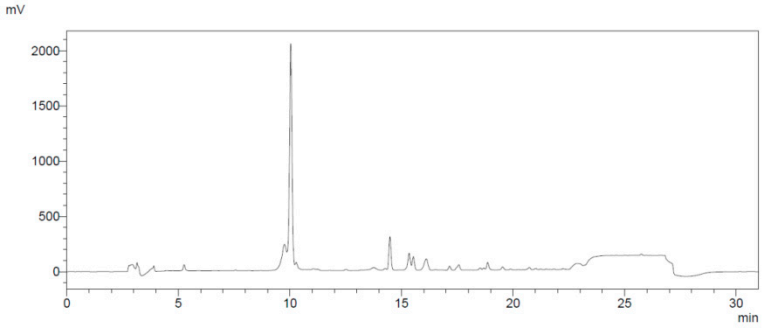
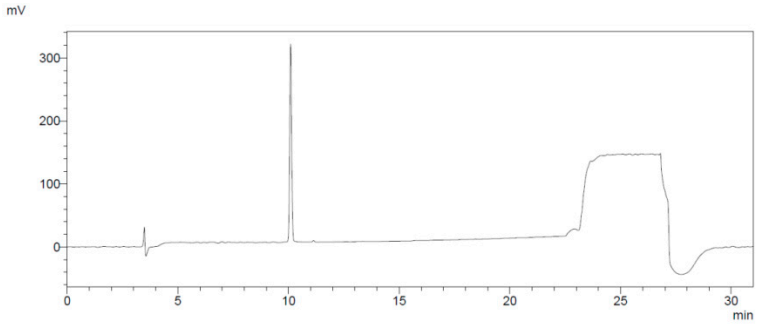


Figure S9. HPLC chromatogram of a) crude CA-PHE-NH_2, b) purified CA-PHE-NH_2, and c) ESI-MS data of CA-PHE-NH_2.

a)



b)



c)

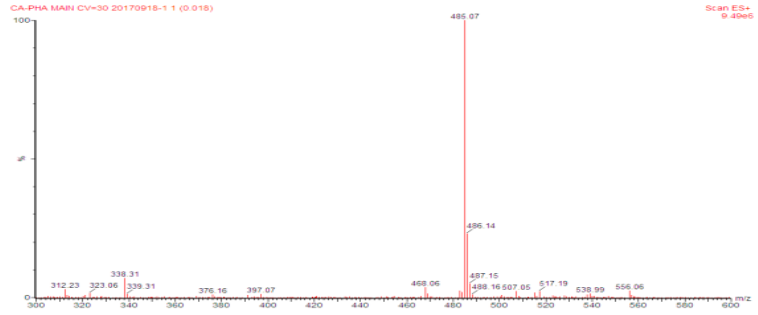


Figure S10. HPLC chromatogram of a) crude CA-PHA-NH_2, b) purified CA-PHA-NH_2, and c) ESI-MS data of CA-PHA-NH_2.

a)

b)

c)

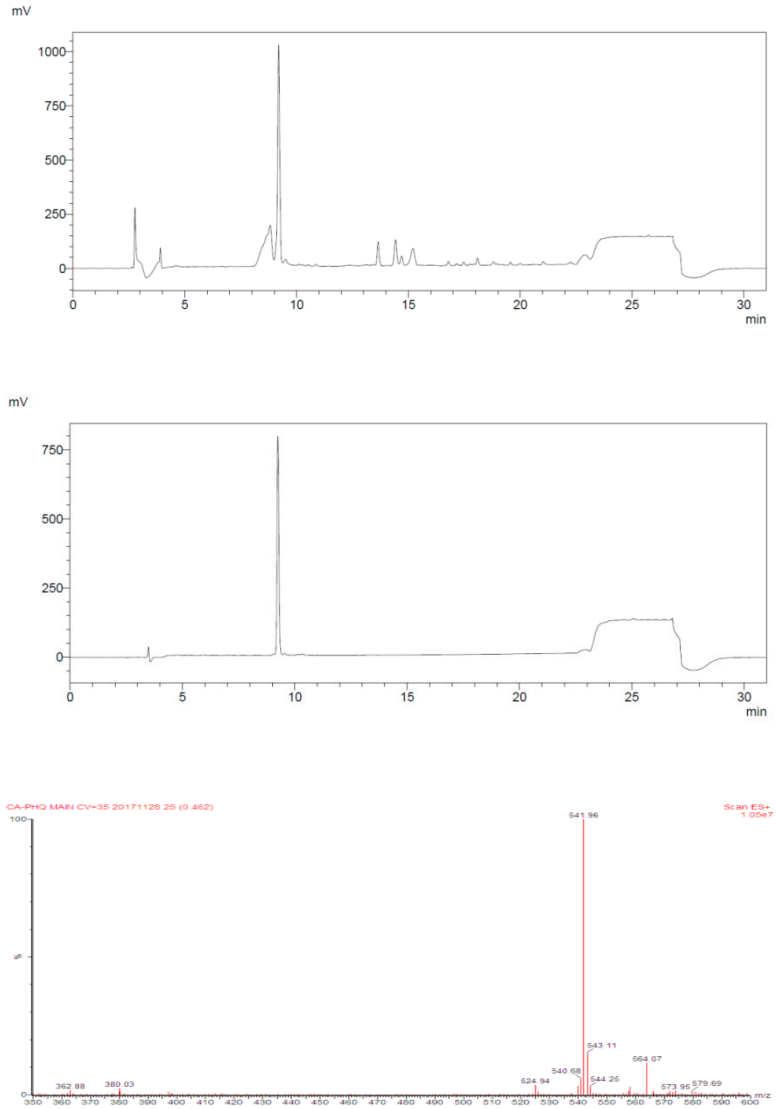


Figure S11. HPLC chromatogram of a) crude CA-PHQ-NH_2, b) purified CA-PHQ-NH_2, and c) ESI-MS data of CA-PHQ-NH_2.

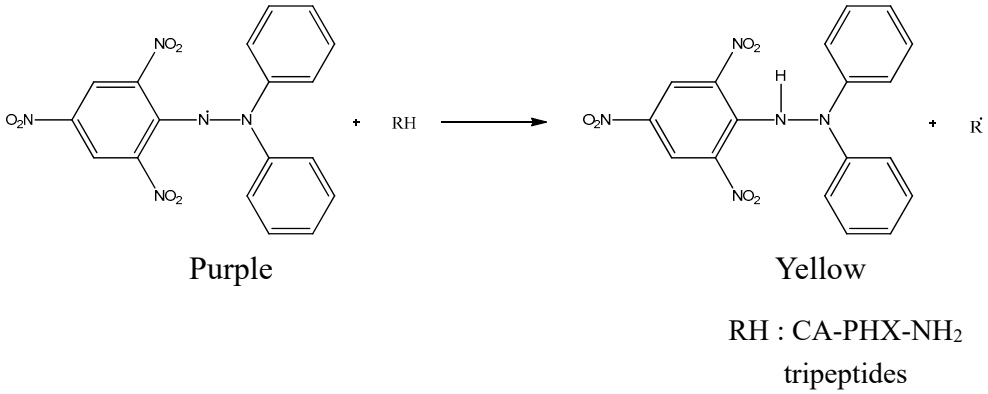


Figure S12. Mechanism of DPPH radical scavenging test.

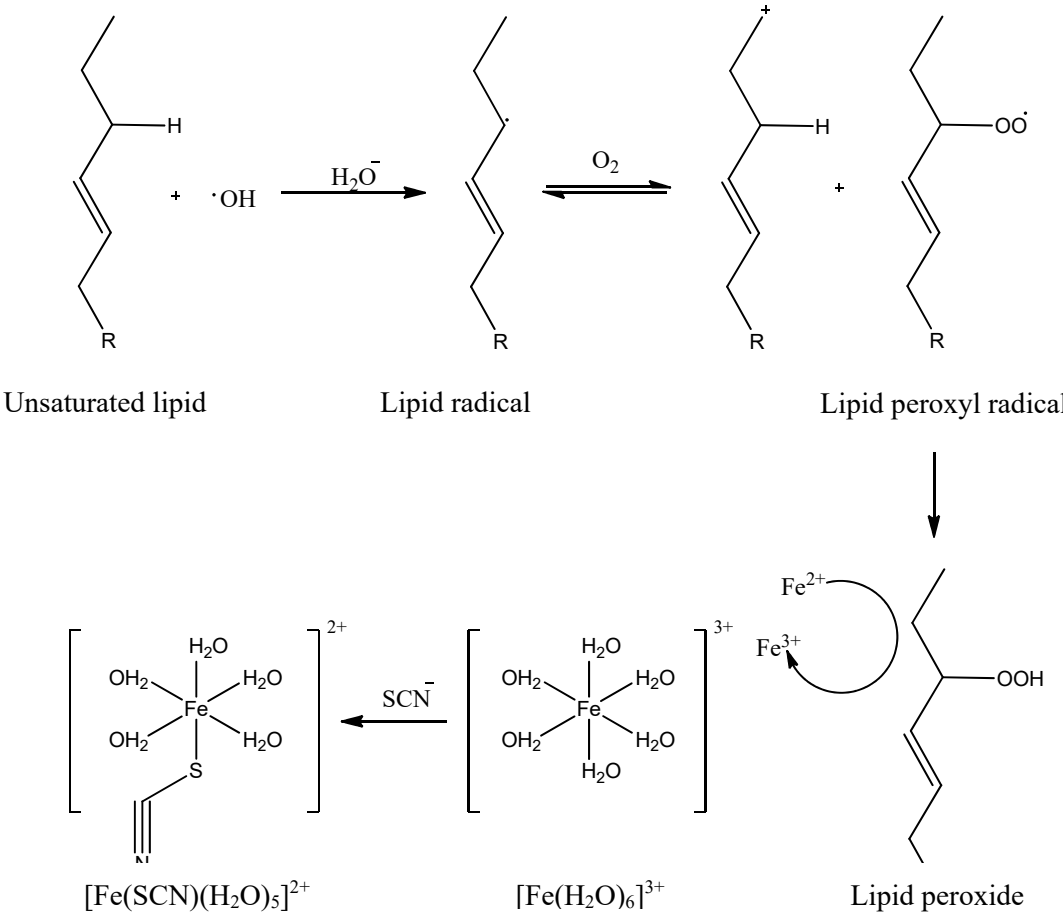


Figure S13. Mechanism of lipid peroxidation inhibition test.

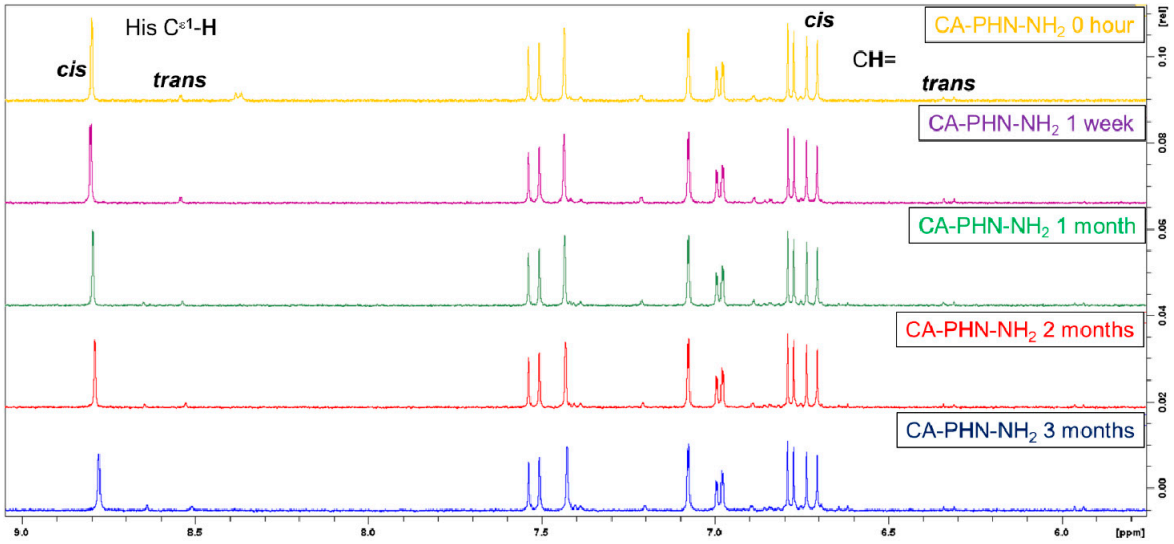


Figure S14. ^{1}H-NMR spectrum of CA-PHN-NH_2 tripeptides for 3 months at room temperature in the dark room.