

Supporting Information

Synthesis, Characterization and Biomedical Applications of an Alkylated Quercetin-Gadolinium Complex

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Details of supporting information:

Number of pages: 7

Number of supporting figures: 6

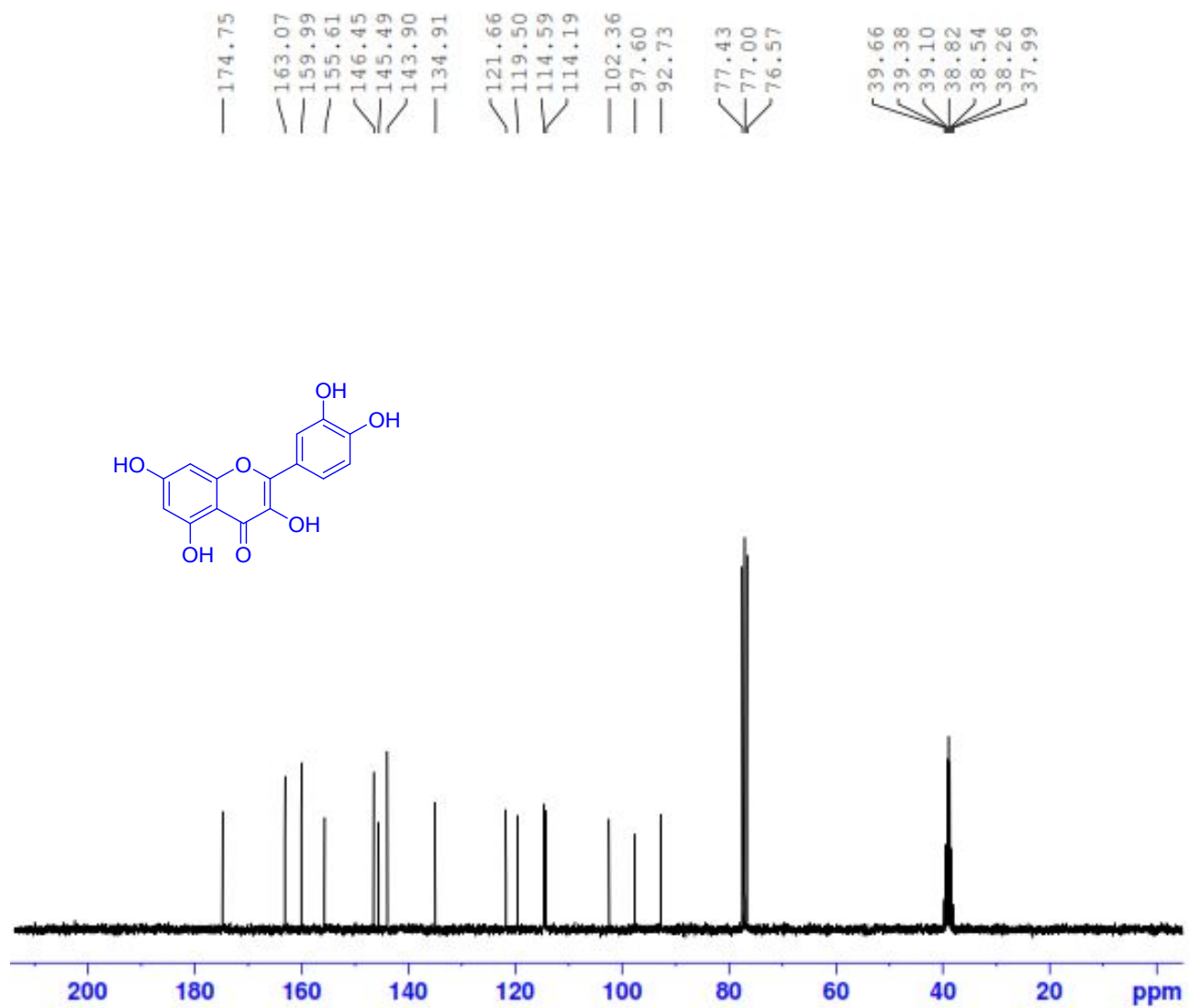


Figure S1: The ^{13}C NMR of the intermediate A (Quercetin dihydrate)

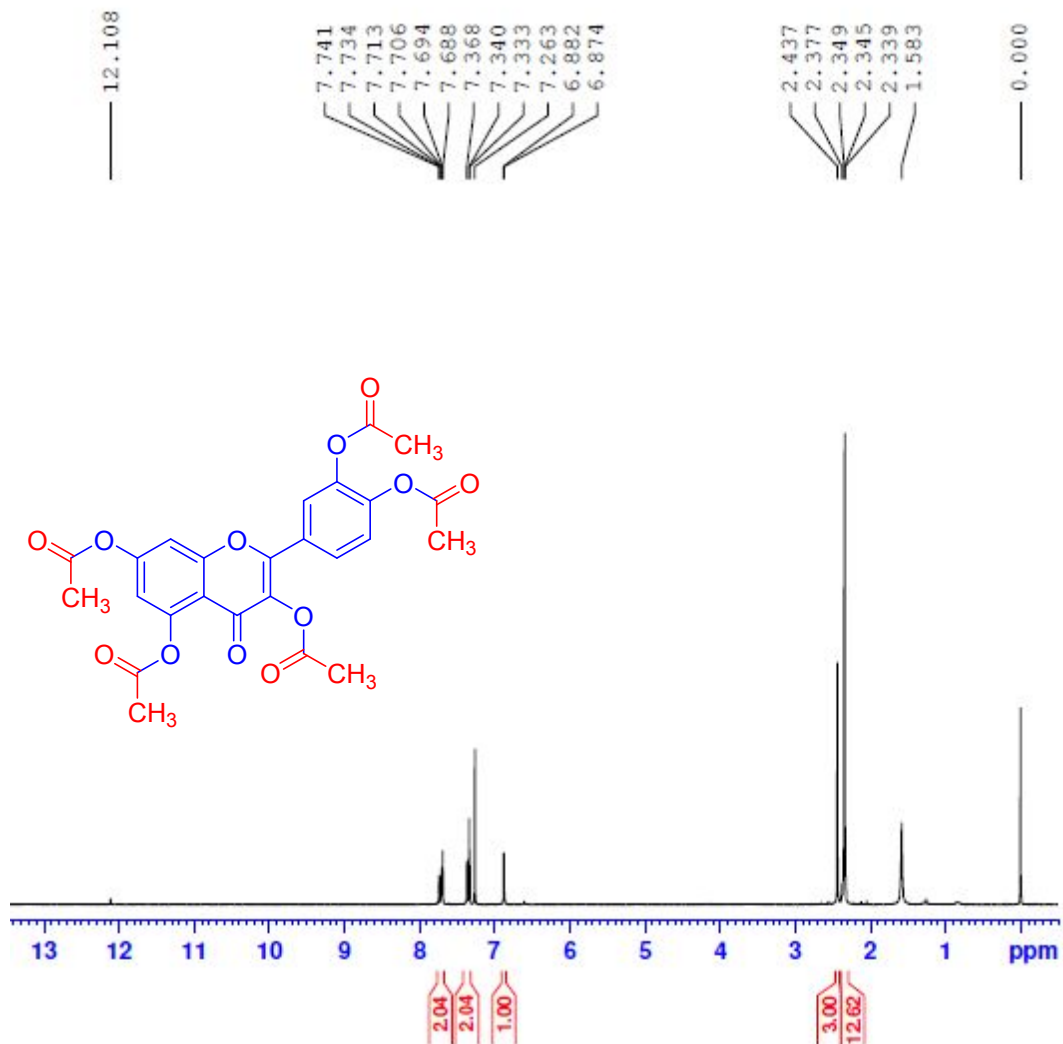


Figure S2: The ¹H NMR of the Compound B [2-(3,4-diacetoxyphenyl)-4-oxo-4H-chromene-3,5,7-triyl triacetate]

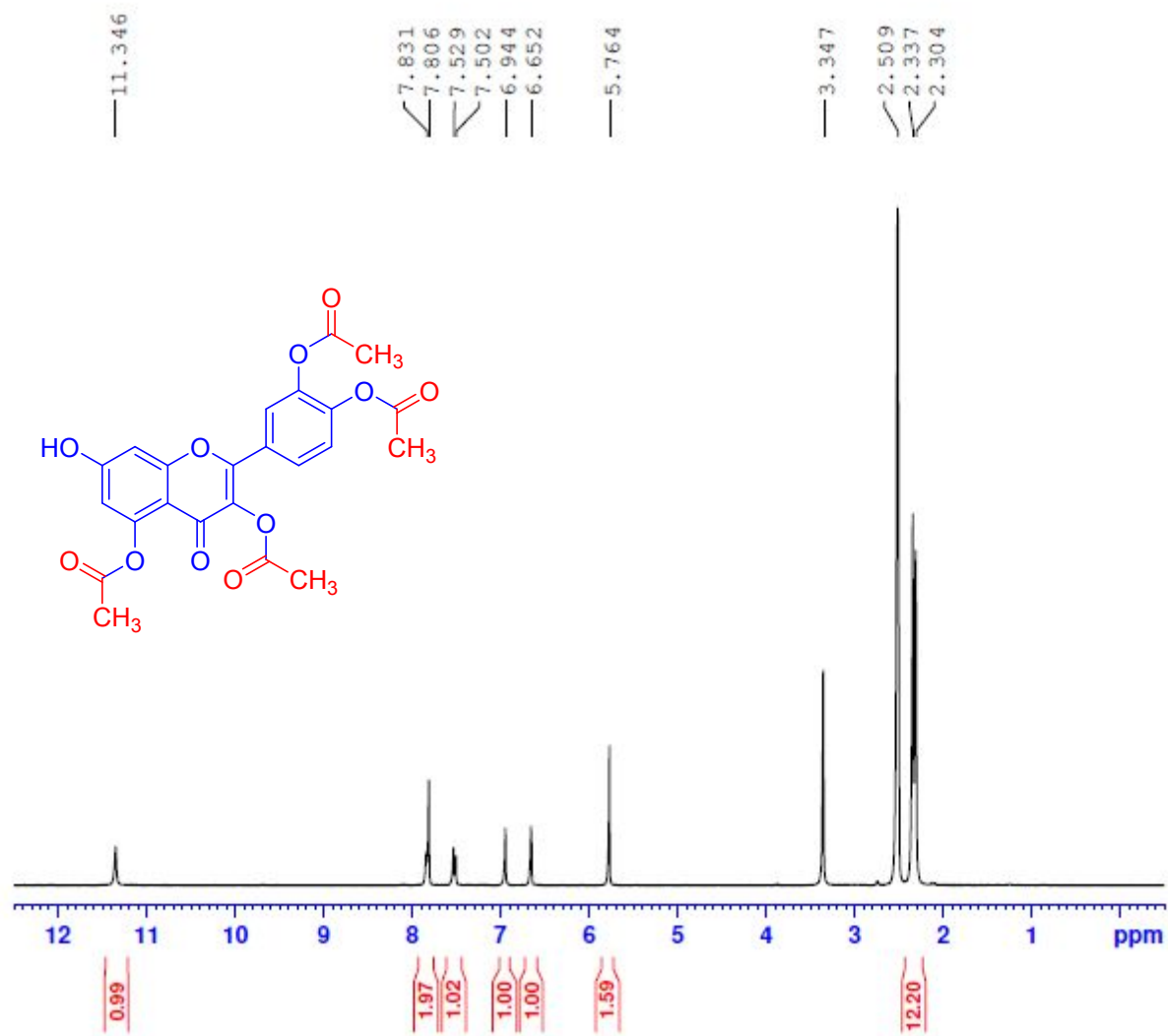


Figure S3: The ¹H NMR of the Compound C [4-(3,5-diacetoxy-7-hydroxy-4-oxo-4H-chromen-2-yl)-1,2-phenylene diacetate]

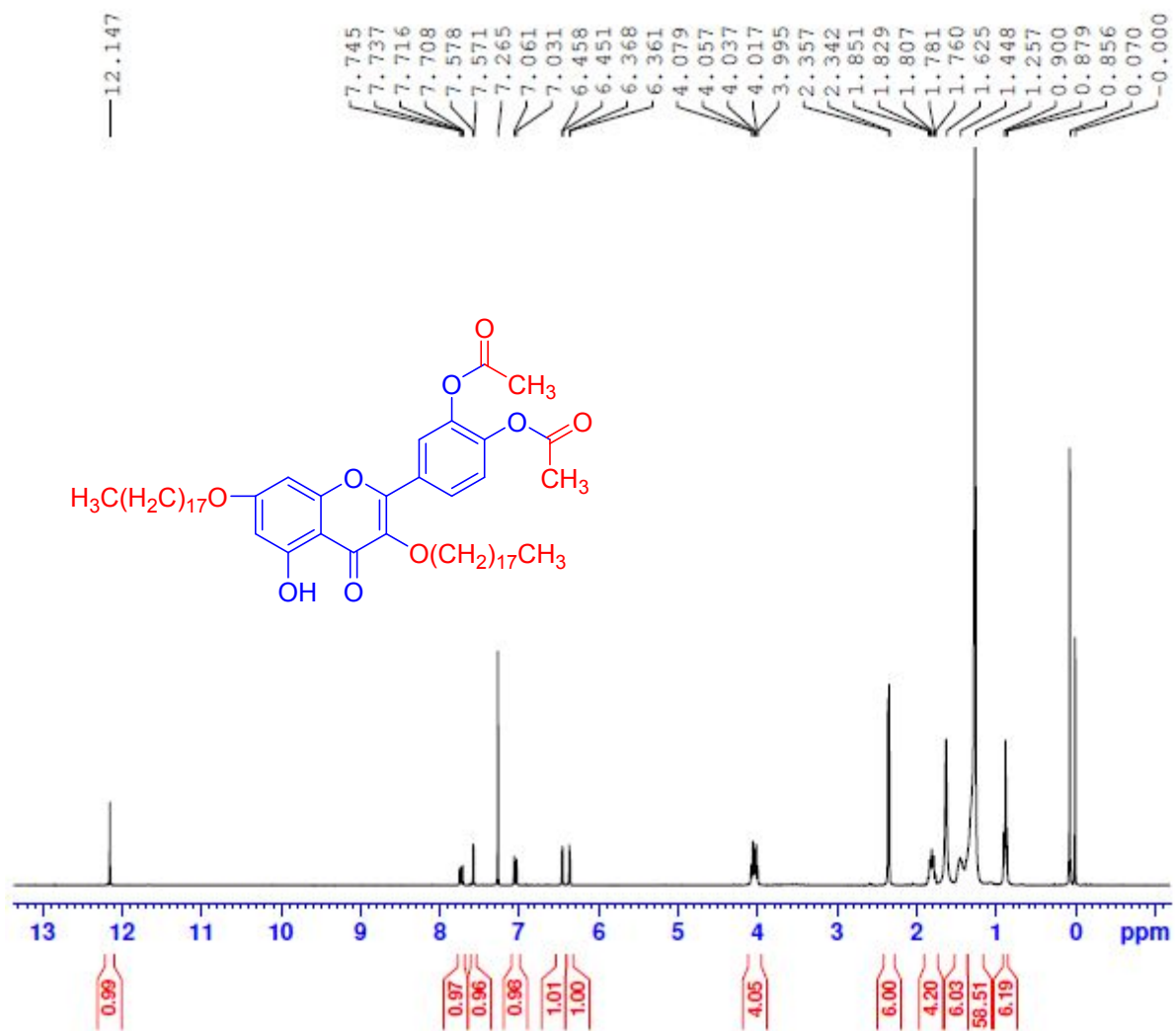


Figure S4: The ¹H NMR of the compound D [4-(5-hydroxy-3,7-bis(octadecyloxy)-4-oxo-4H-chromen-2-yl)-1,2-phenylene diacetate]

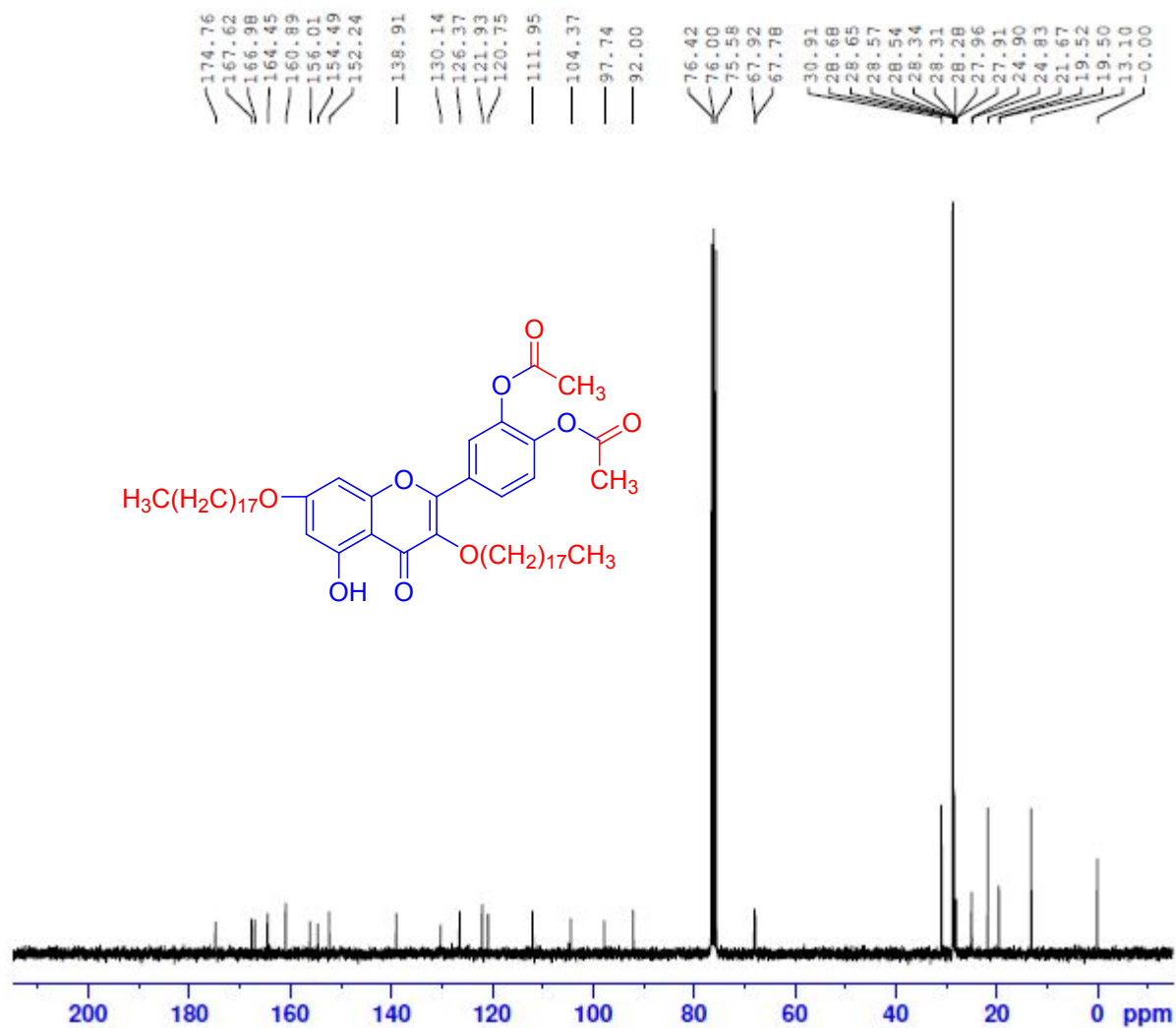


Figure S5: The ¹³C NMR of the compound D [4-(5-hydroxy-3,7-bis(octadecyloxy)-4-oxo-4H-chromen-2-yl)-1,2-phenylene diacetate]

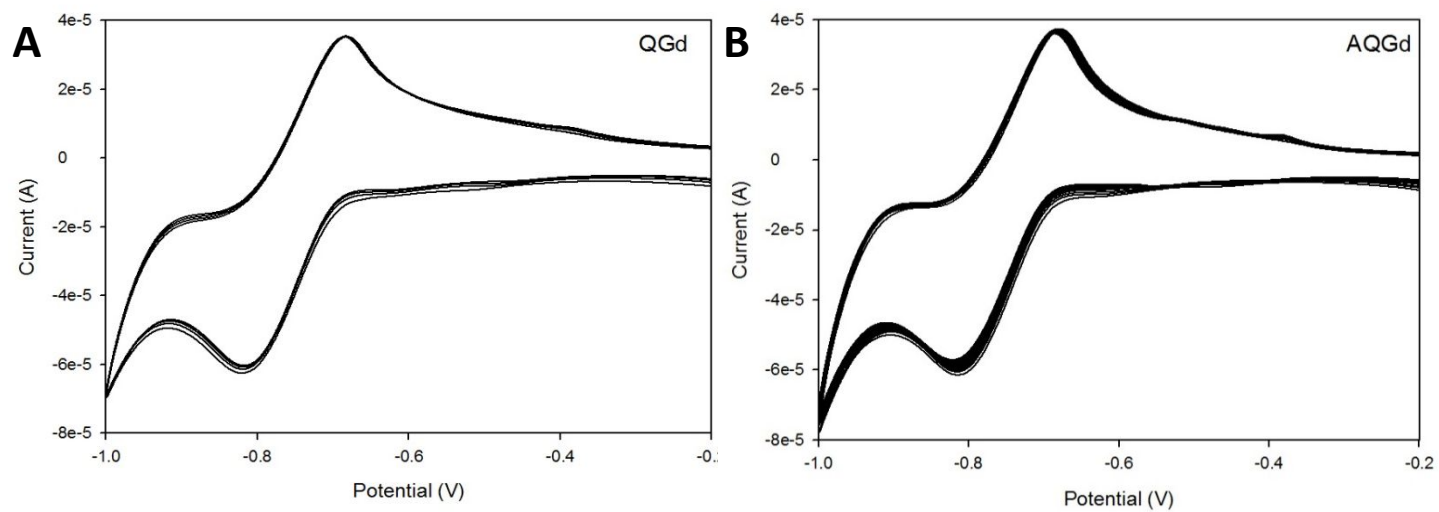


Figure S6: Cyclic stability of QGd/GCE and AQGd/GCE in PBS