Supporting Information

Constituents of *Coreopsis lanceolata* flower and their dipeptidyl peptidase IV inhibitory effects

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CONTENS

Figure S1. ^{1}H NMR (500 MHz) spectrum of compound **1** in DMSO-d_4.

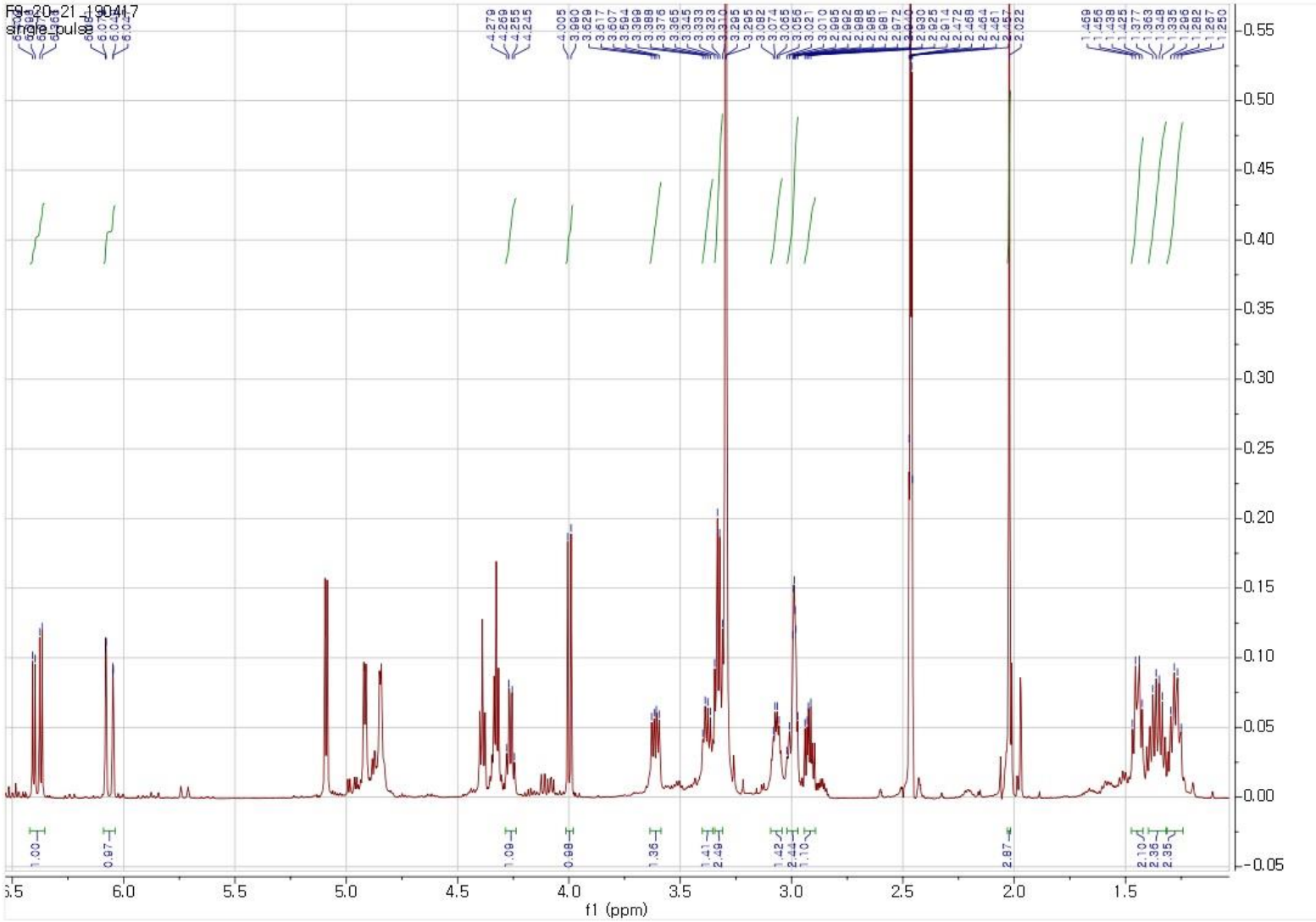


Figure S2. ^{13}C NMR (125 MHz) spectrum of compound **1** in DMSO-d_4

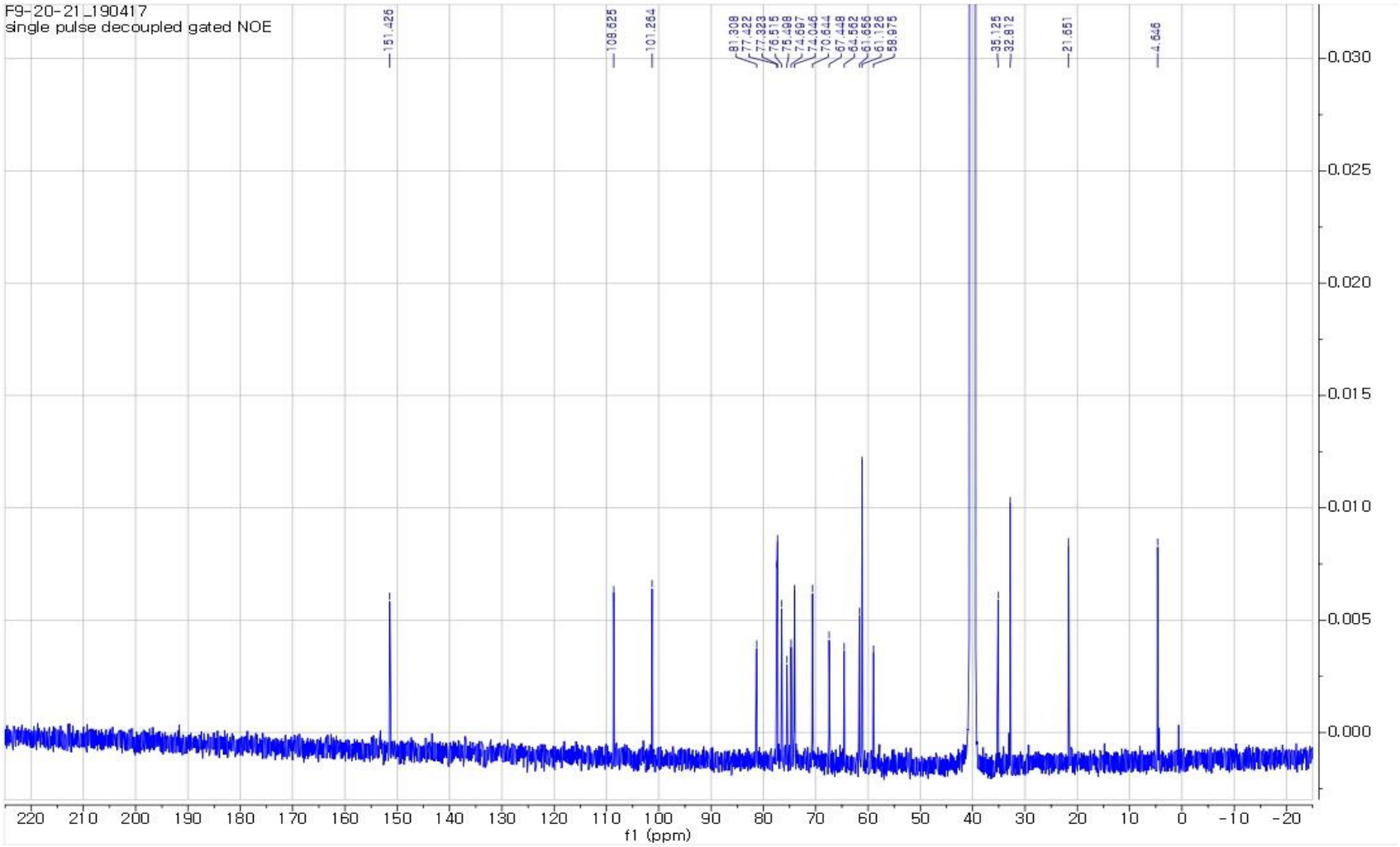


Figure S3. ^{1}H-^{1}H COSY NMR (500 MHz) spectrum of compound **1** in DMSO-d_4.

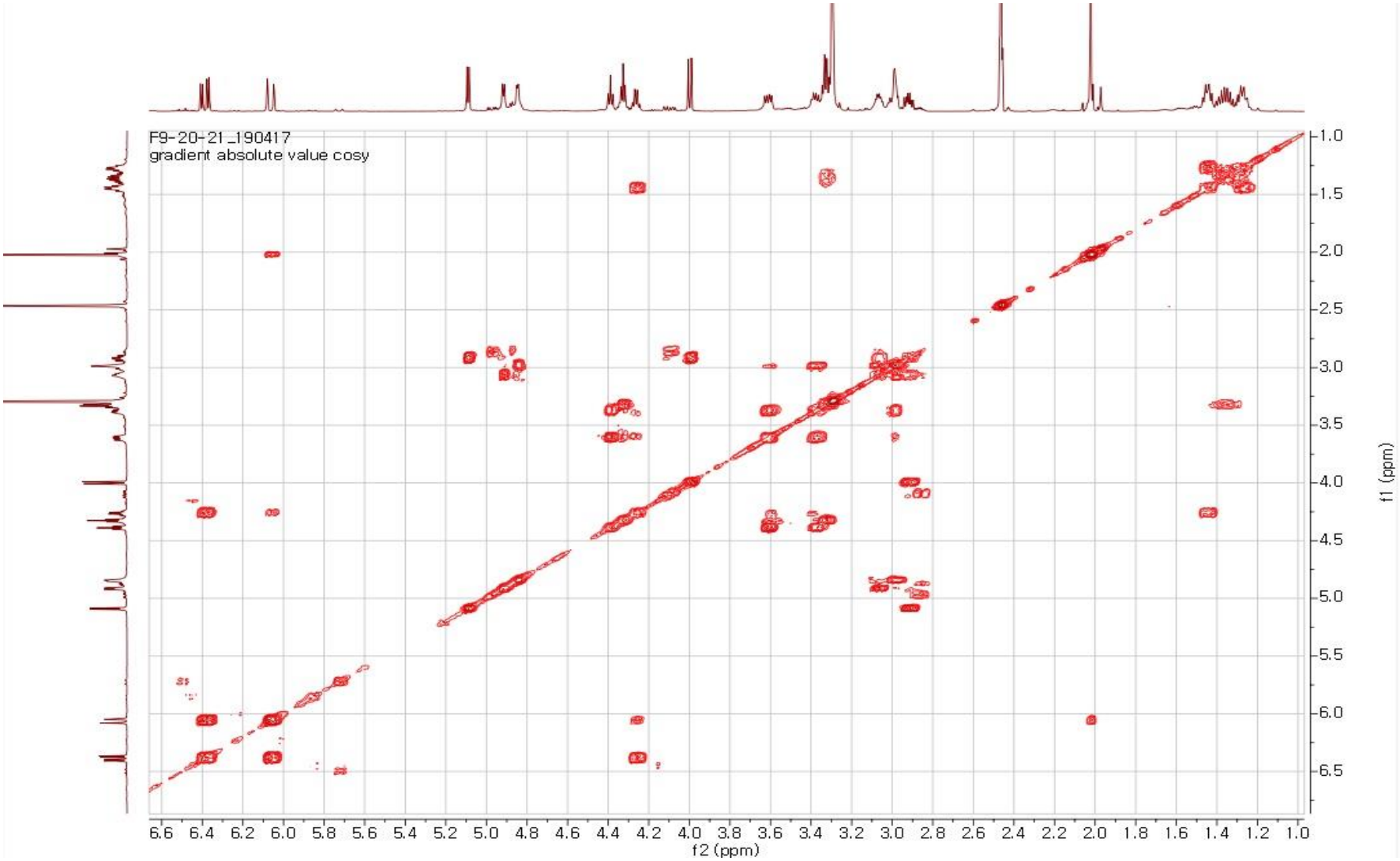


Figure S4. ^{1}H-^{1}H NOESY NMR (500 MHz) spectrum of compound **1** in DMSO-d_4.

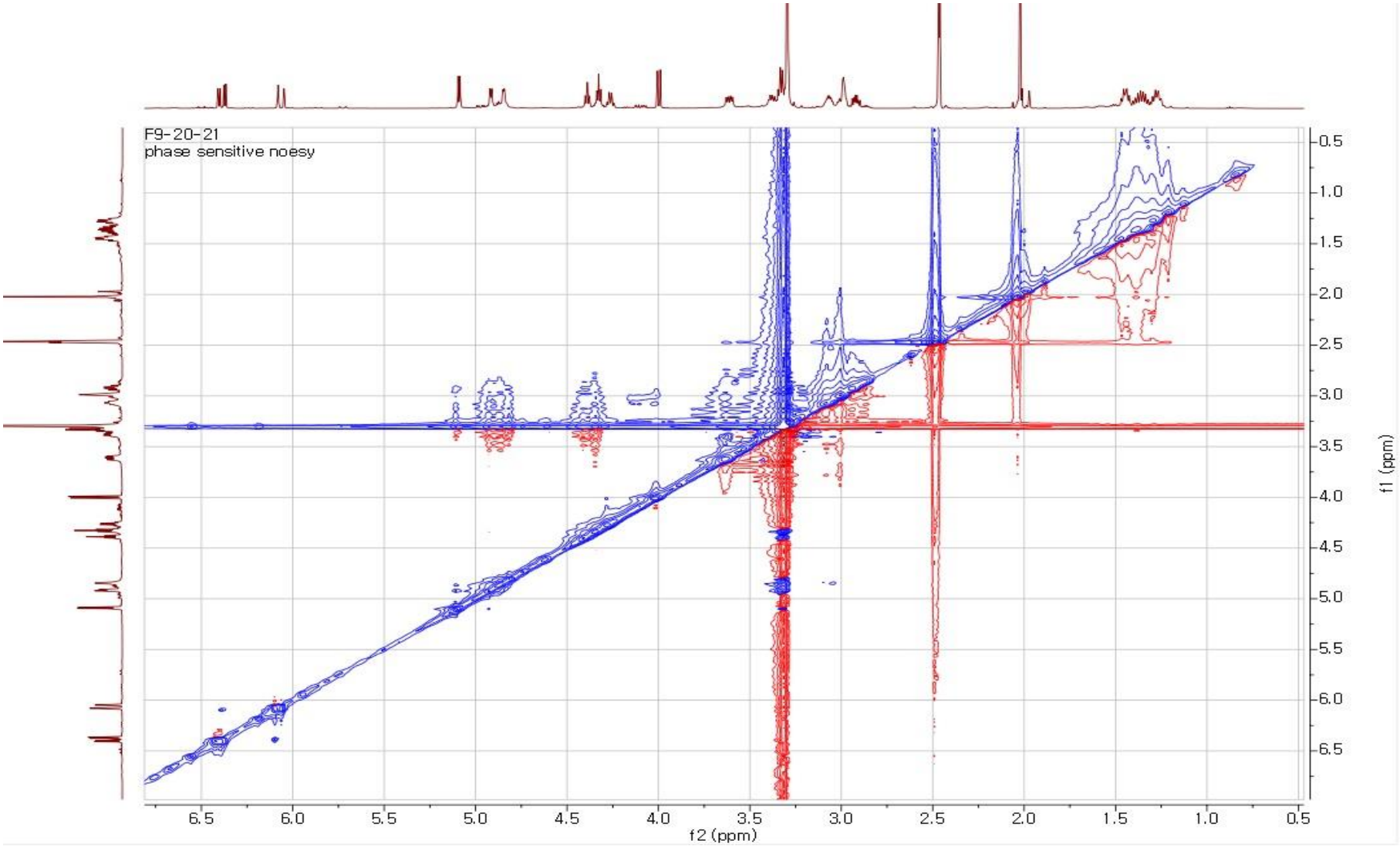


Figure S5. ^{1}H-^{1}H HSQC NMR (500 MHz) spectrum of compound **1** in DMSO-d_4.

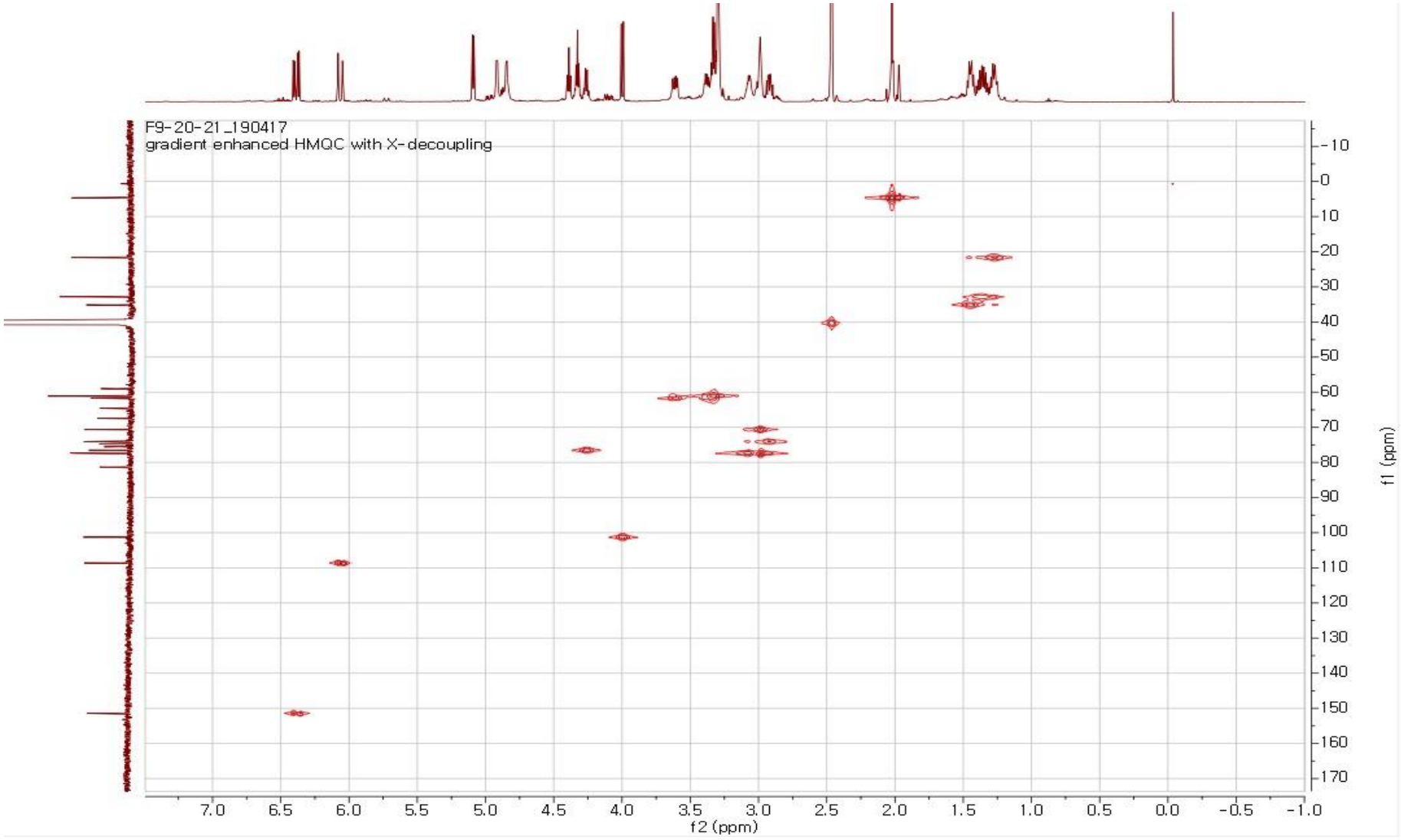


Figure S6. ^{1}H-^{1}H HMBC NMR (500 MHz) spectrum of compound **1** in DMSO-d_4.

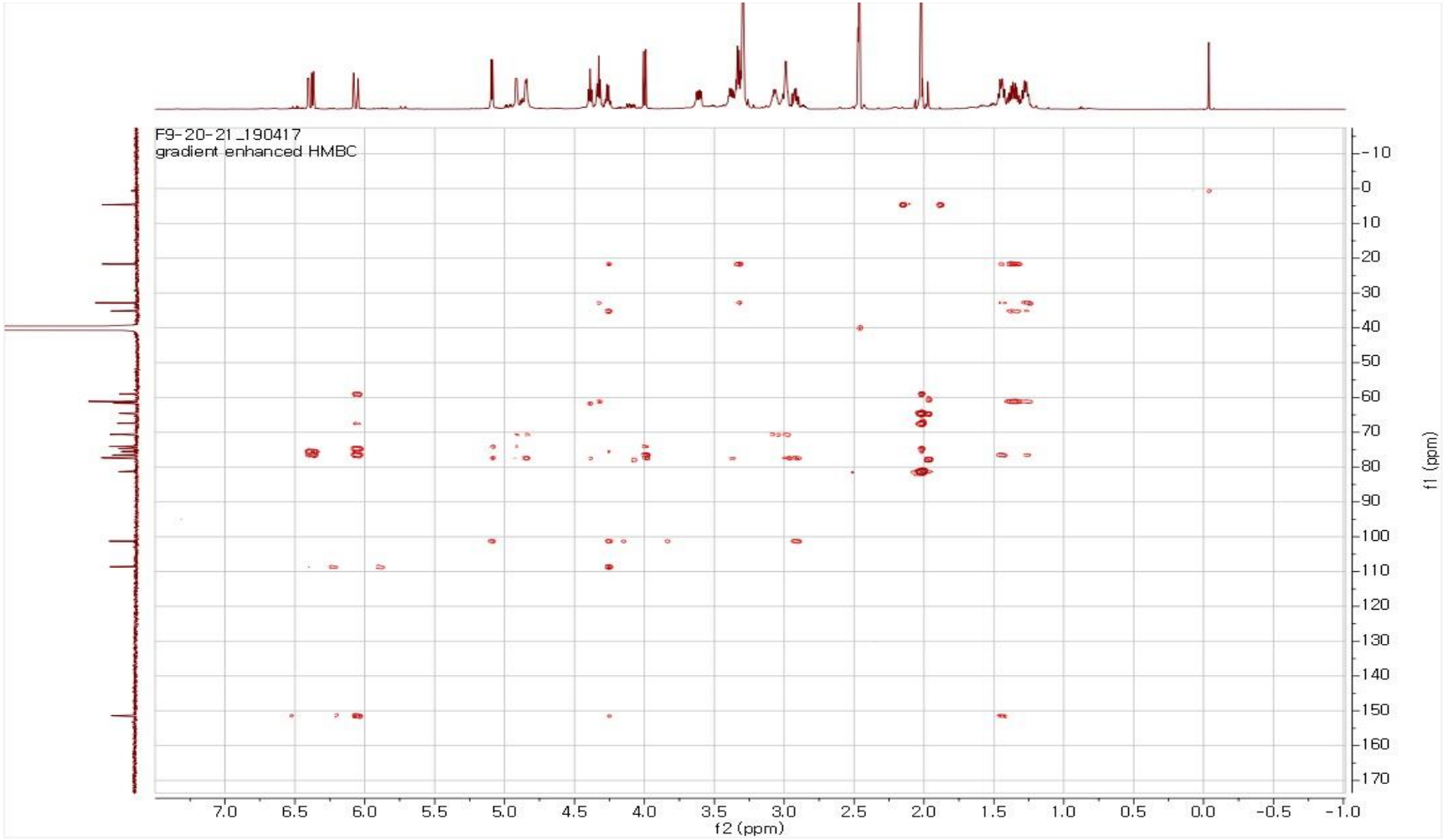
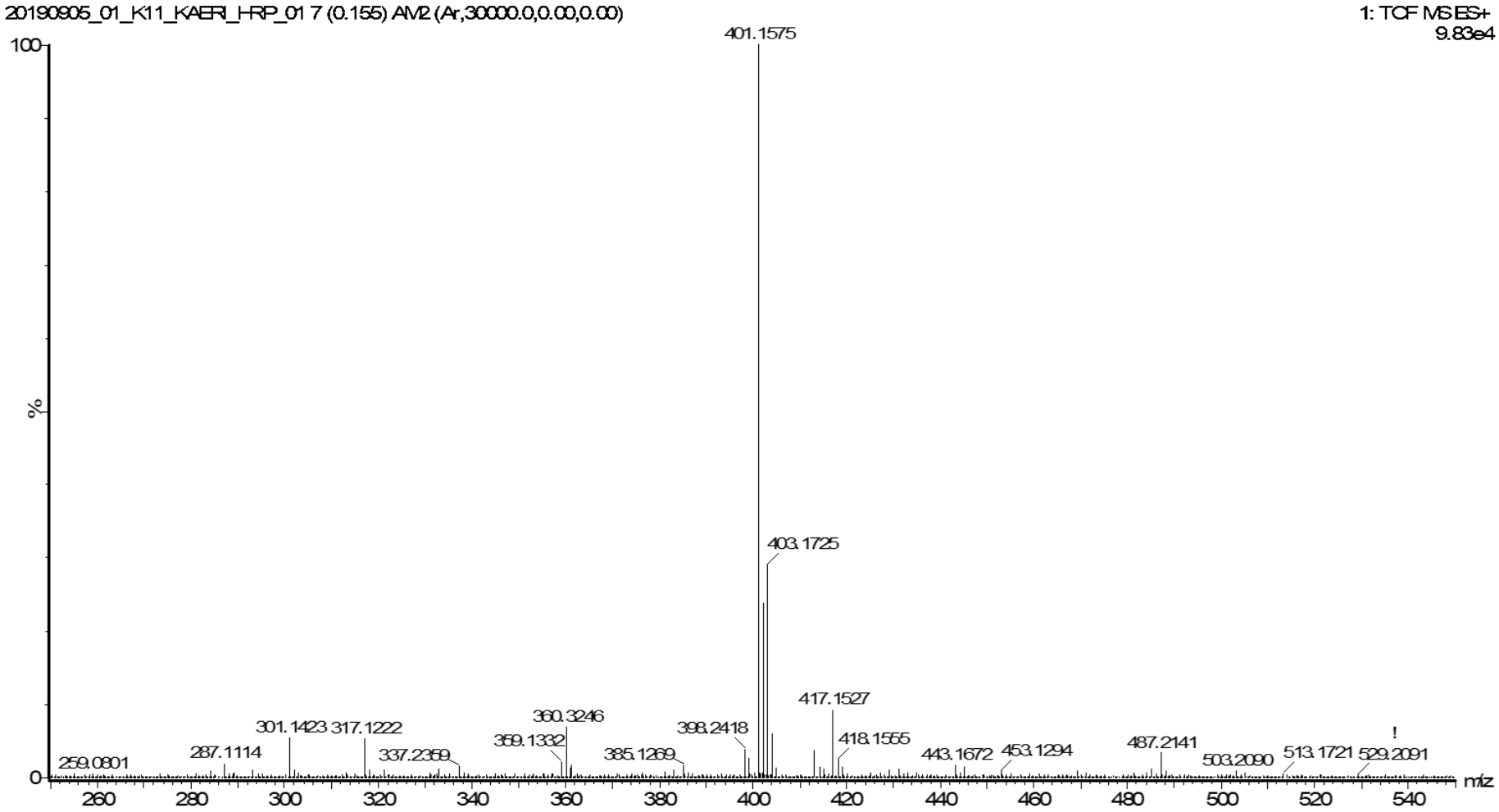


Figure S7. The HR-ESI-MS data of **1**.



Elemental Composition Report

Single Mass Analysis
Tolerance = 5.0 PPM / DBE: min = -1.5, max = 100.0
Element prediction: Off
Number of isotope peaks used for i-FIT = 3

Monoisotopic Mass, Even Electron Ions
142 formula(e) evaluated with 1 results within limits (up to 50 closest results for each mass)
Elements Used:
C: 0-50 H: 0-50 O: 0-20 Na: 0-1

Minimum:				-1.5				
Maximum:		100.0	5.0	100.0				
Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Norm	Conf(%)	Formula
401.1575	401.1576	-0.1	-0.2	7.5	721.7	n/a	n/a	C20 H26 O7 Na

Figure S8. The UV spectrum of **1** in methanol.

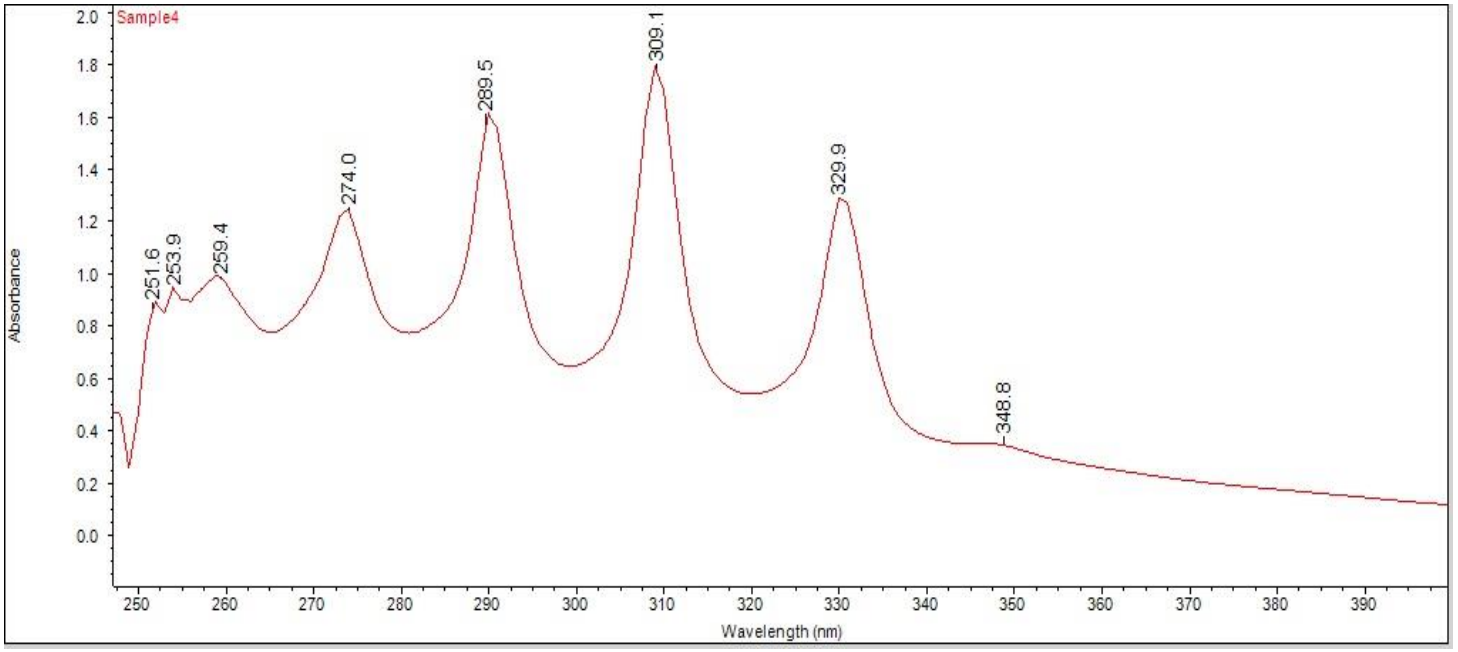


Figure S9. The CD spectrum of **1** in methanol.

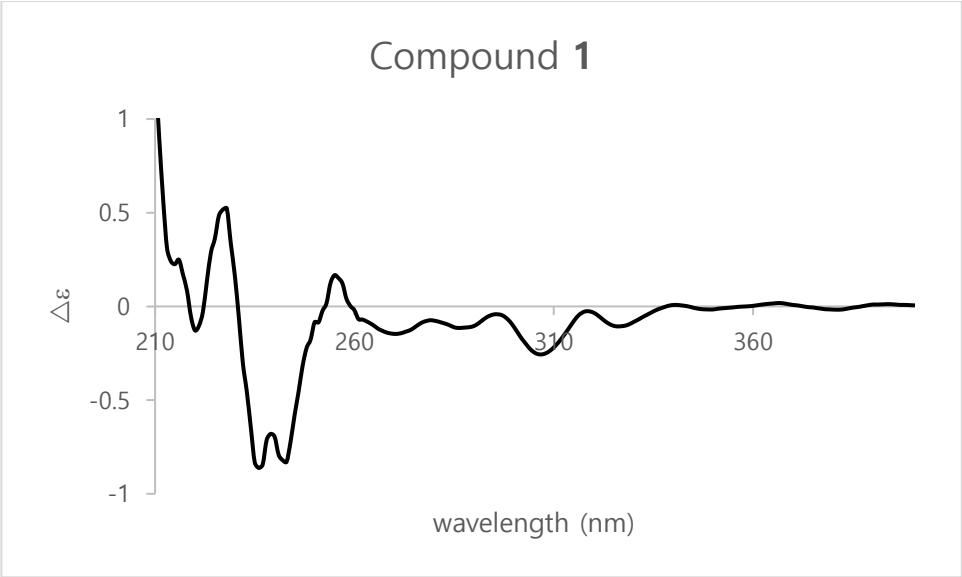


Figure S10. The CD spectrum of **7** in methanol.

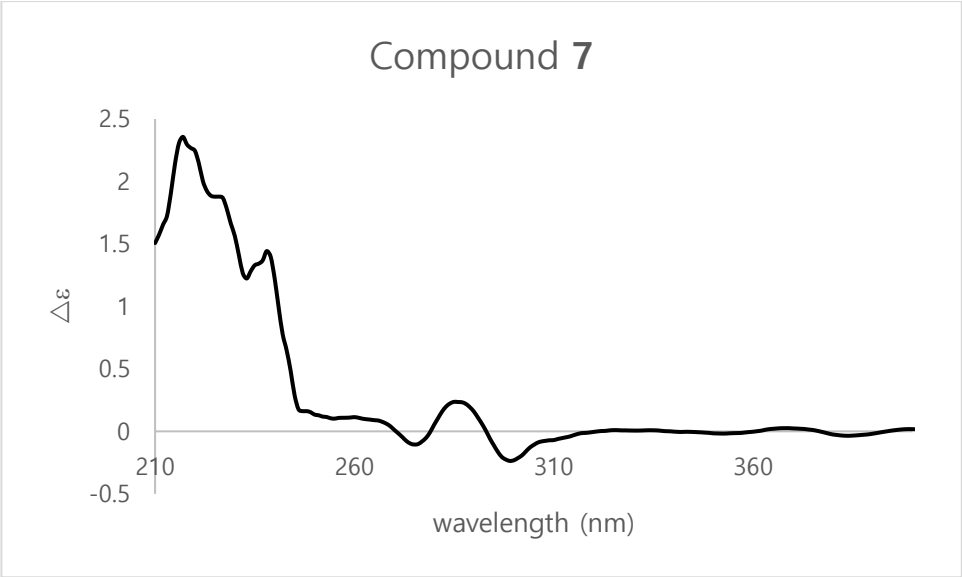


Figure S11. The CD spectrum of **11** in methanol.