

**Apoptosis induction and cell cycle arrest induced by  
Sinkiangenone B, a novel phenylpropanoid derivative from  
the resin of *Ferula sinkiangensis* K. M. Shen**

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# MS, UV, IR and NMR Spectra of 1

Figure S1. HR-ESI-MS spectrum of 1

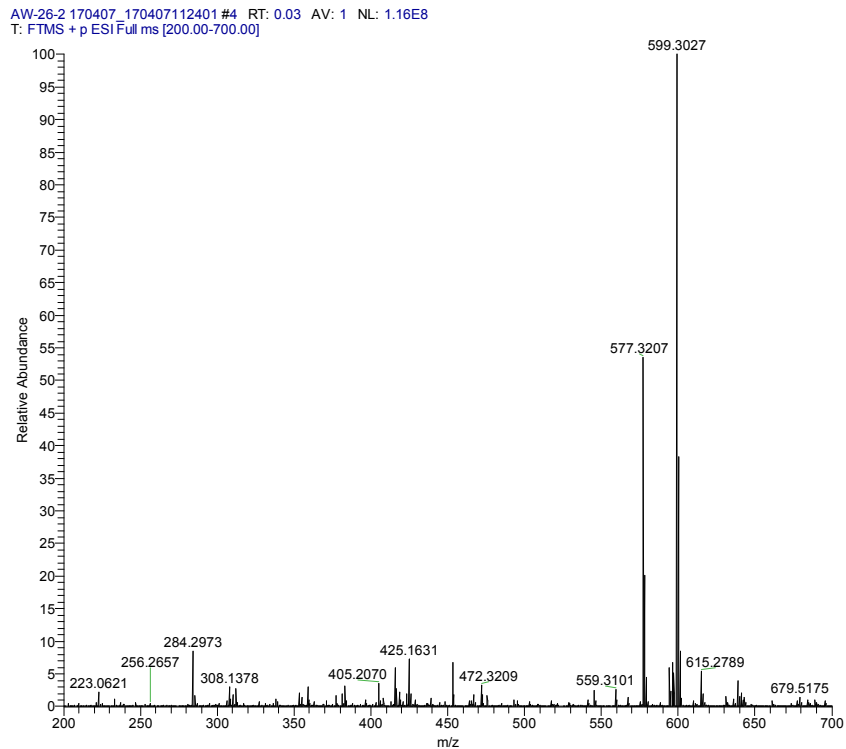


Figure S2. IR spectrum of 1

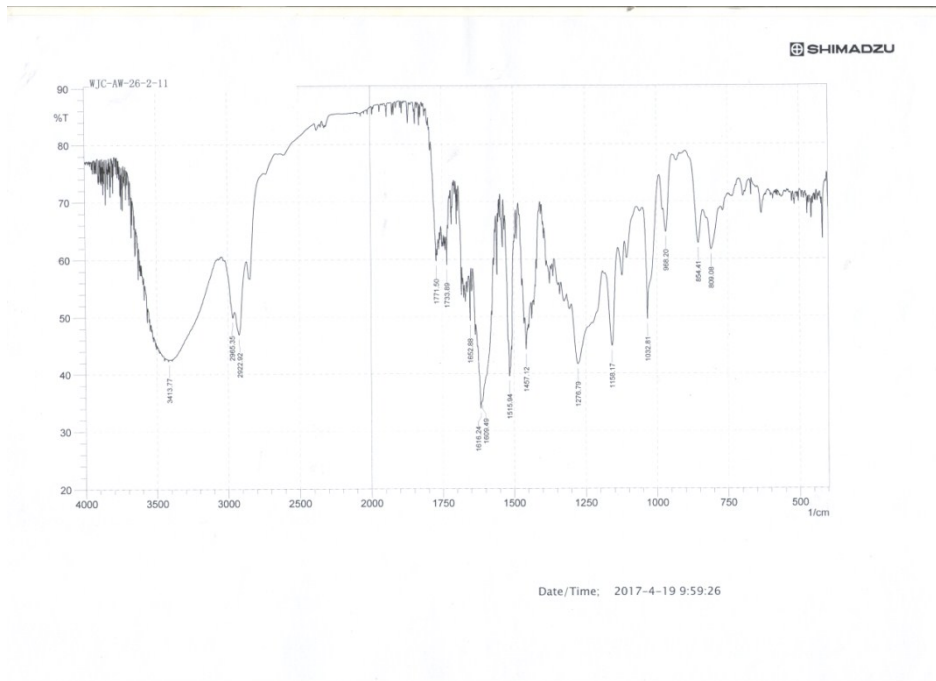
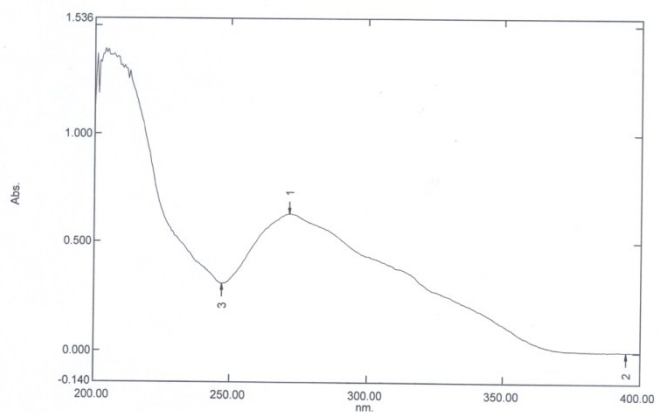


Figure S3. UV spectrum in MeOH of 1

**Auto Print Report 1**

2017-04-13 14:59:14

Data Set: Storage 145630 - RawData - D:\2017WJC-AW-26-2-1.spc



No.	P/V	Wavelength	Abs.	Description
1	⊕	271.50	0.633	

Measurement Properties  
Wavelength Range (nm.): 200.00 to 400.00  
Scan Speed: Medium  
Sampling Interval: 0.5  
Auto Sampling Interval: Disabled  
Scan Mode: Single

Sample Preparation Properties  
Weight:  
Volume:

Figure S4. <sup>1</sup>H-NMR spectrum (MeOD, 600 MHz) of 1

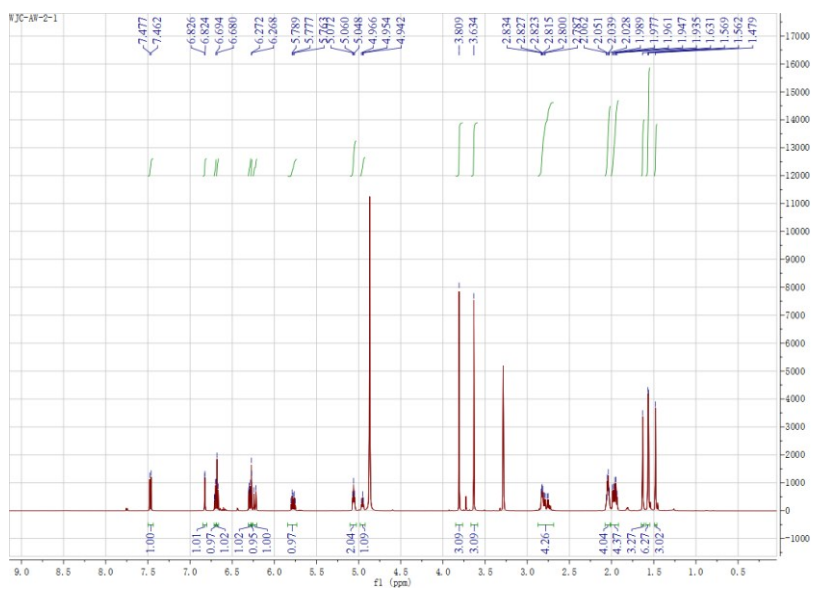


Figure S5.  $^{13}\text{C}$ -NMR spectrum (MeOD, 125 MHz) of 1

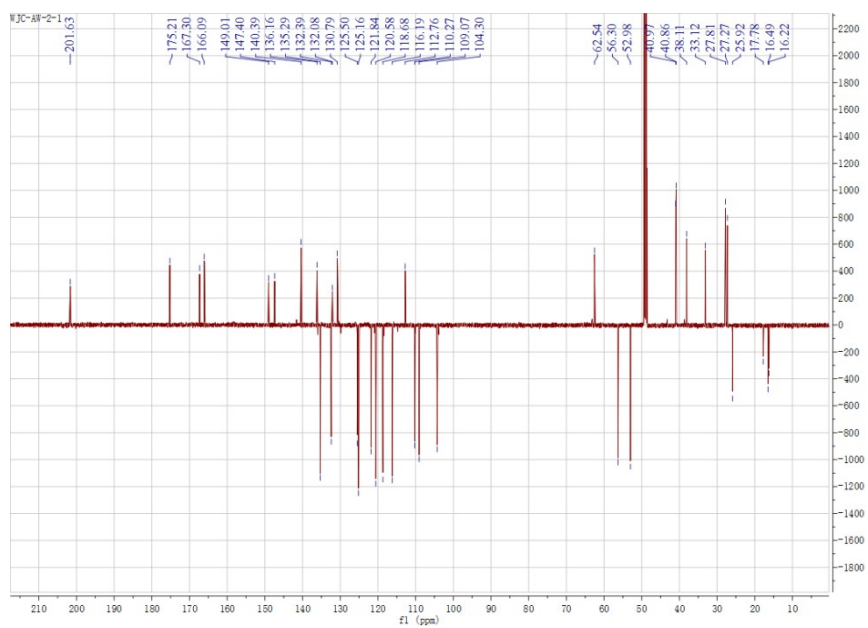




Figure S6.  $^1\text{H}$ - $^1\text{H}$  COSY spectrum (MeOD) of 1

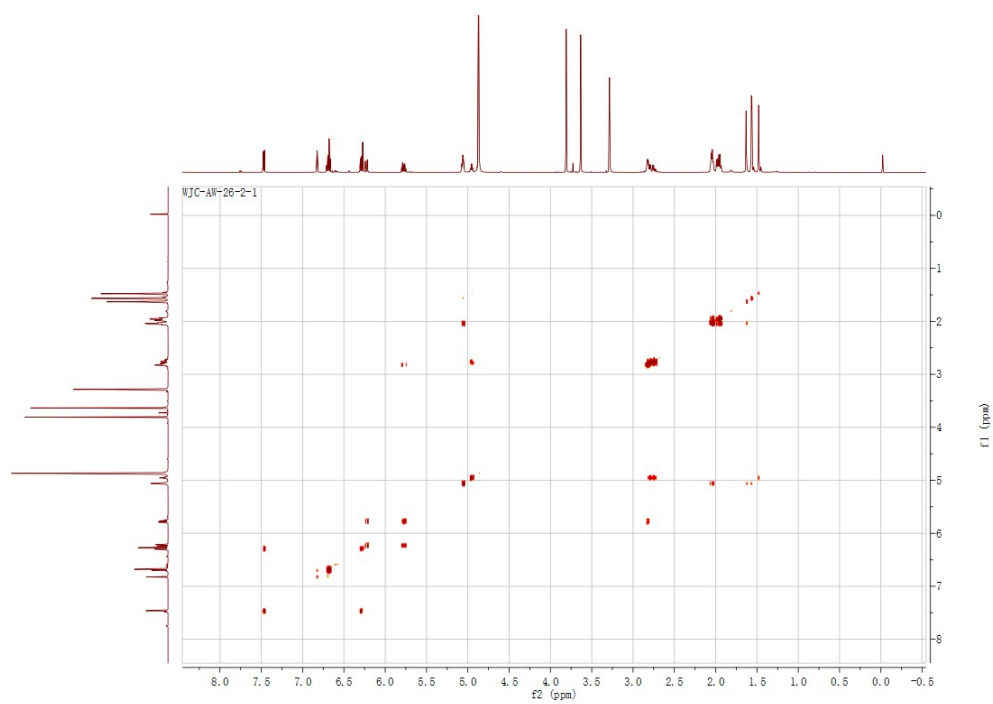


Figure S7. HSQC spectrum (MeOD) of 1

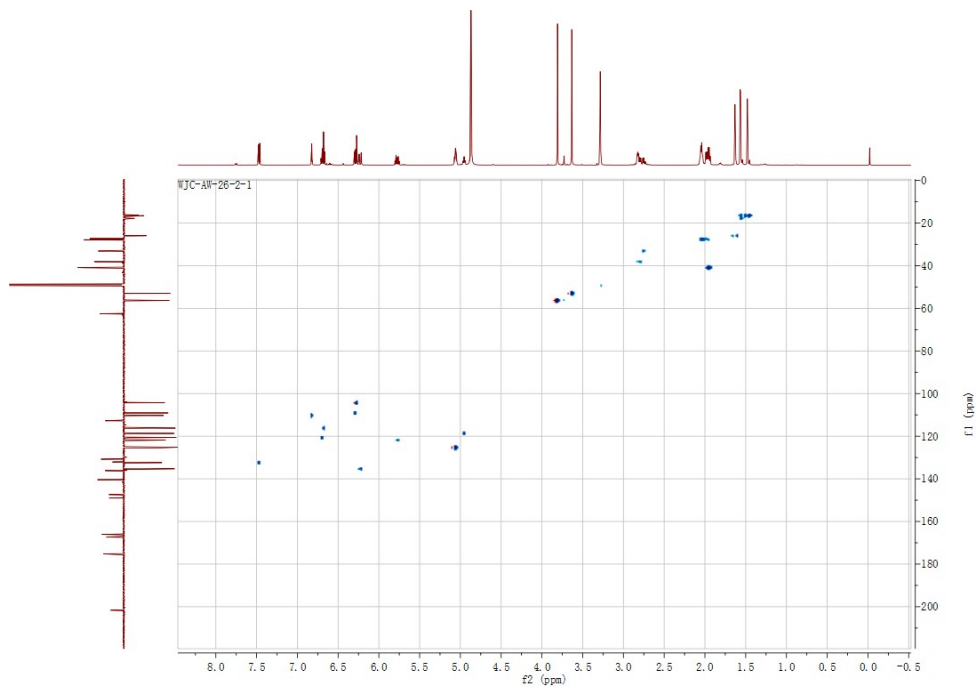
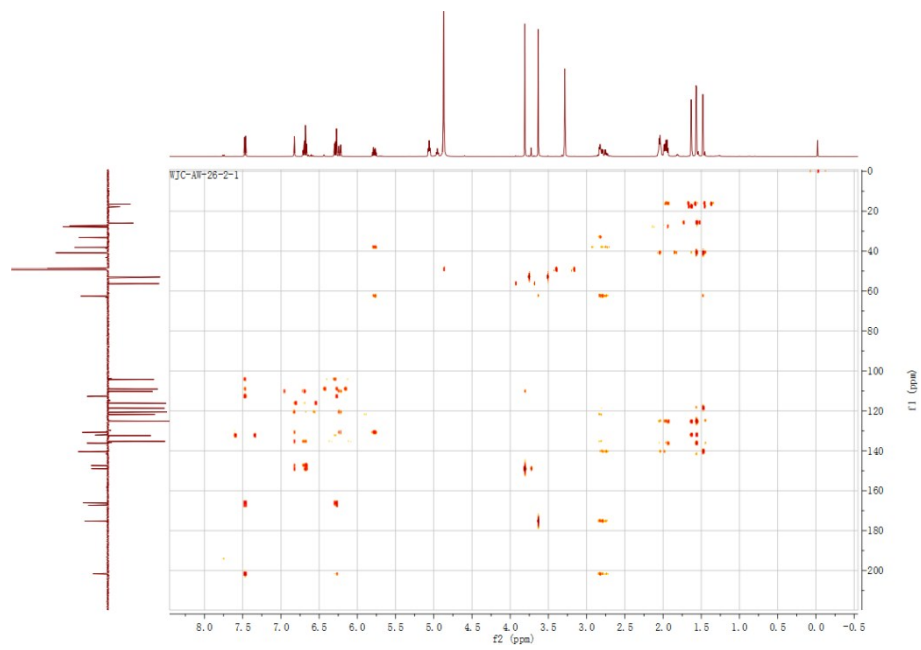


Figure S8. HMBC spectrum (MeOD) of 1



# MS, UV, IR and NMR Spectra of Compound 2

## Figure S9. HR-ESI-MS spectrum of 2

AW-26-3 170407\_170407112401 #1 RT: 0.00 AV: 1 NL: 3.86E7  
T: FTMS + p ESI Full ms [200.00-700.00]

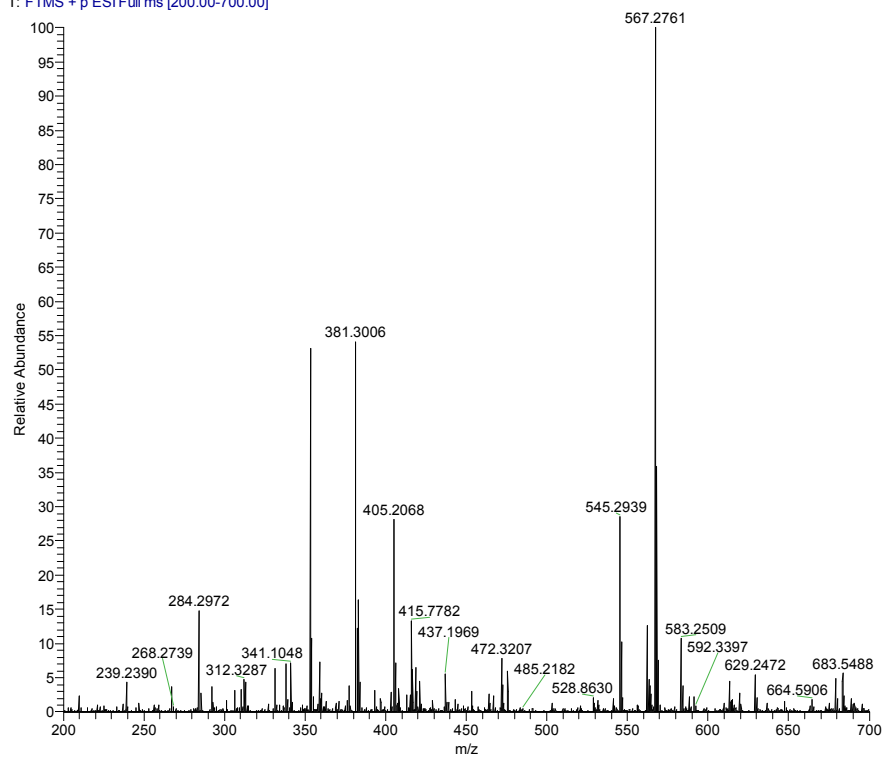
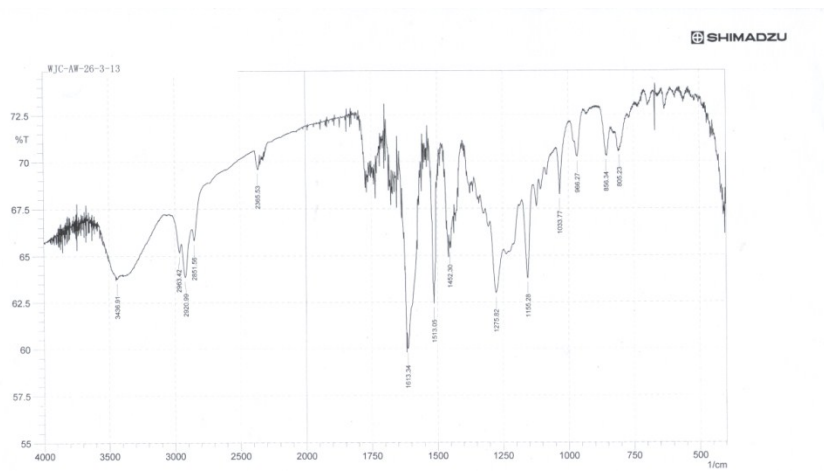


Figure S10. IR spectrum of 2



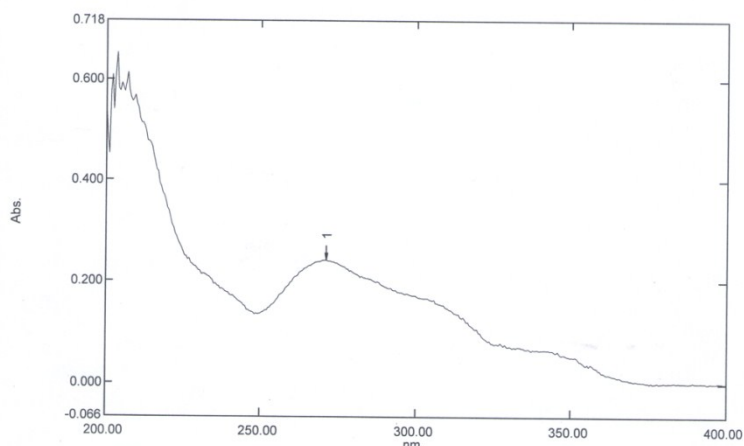
Date/Time: 2017-4-24 15:06:25

Figure S11. UV spectrum in MeOH of 2

### Spectrum Peak Pick Report

2017-04-24 10:06:13

Data Set: Storage 100343 - RawData - D:\2017WJC-AW-26-3-1.spc



Measurement Properties  
Wavelength Range (nm.): 200.00 to 400.00  
Scan Speed: Medium  
Sampling Interval: 0.5  
Auto Sampling Interval: Disabled  
Scan Mode: Single

No.	P/V	Wavelength	Abs.	Description
1	⊕	271.00	0.243	

Sample Preparation Properties  
Weight:  
Volume:  
Dilution:  
Path Length:  
Additional Information:

Instrument Properties  
Instrument Type: UV-2500PC Series  
Measuring Mode: Absorbance  
Slit Width: 1.0 nm  
Light Source Change Wavelength: 360.0 nm  
S/R Exchange: Normal

Attachment Properties  
Attachment: 6-Cell  
Number of cells: 6

Figure S12. <sup>1</sup>H-NMR spectrum (MeOD, 600 MHz) of 2

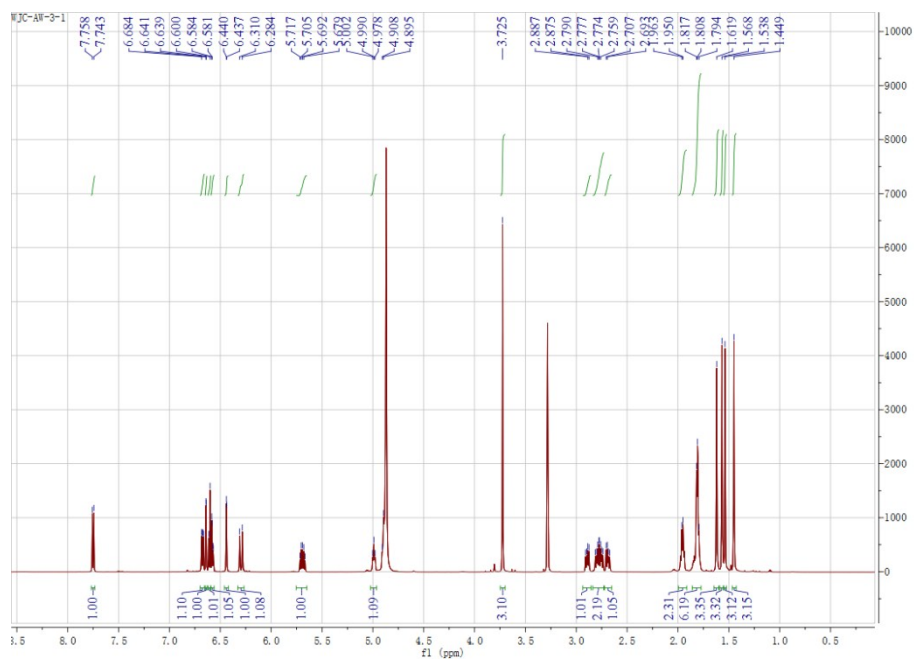


Figure S13.  $^{13}\text{C}$ -NMR spectrum (MeOD, 125 MHz) of 2

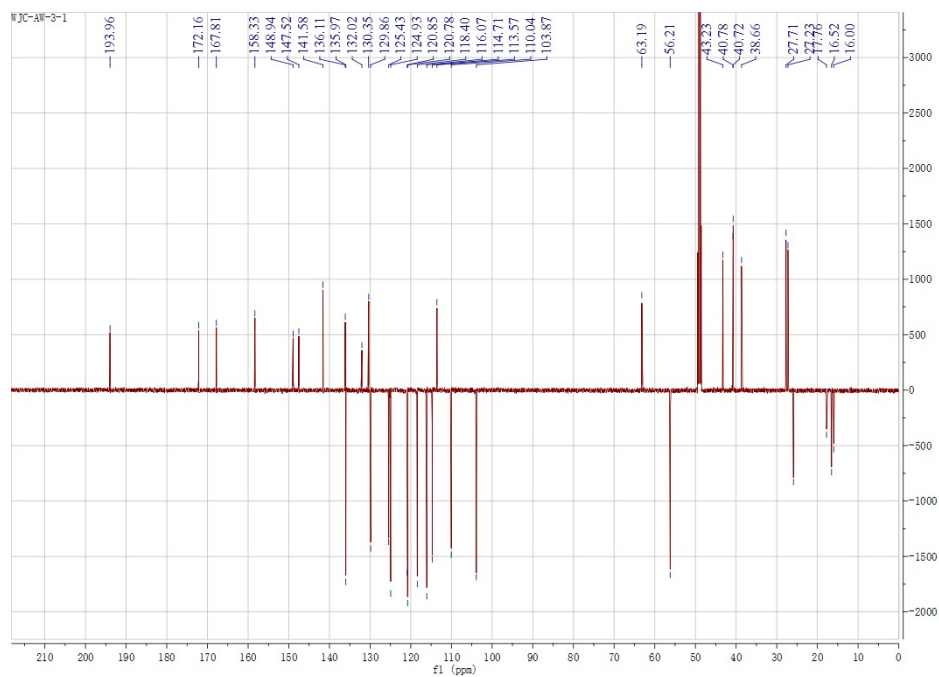




Figure S14.  $^1\text{H}$ - $^1\text{H}$  COSY spectrum (MeOD) of 2

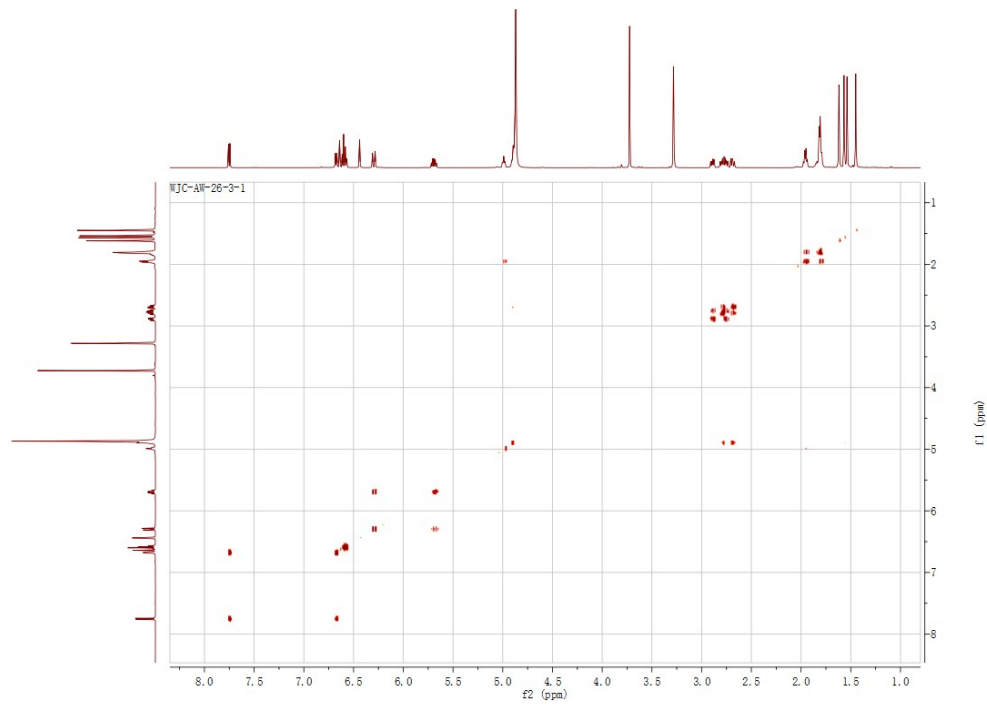


Figure S15. HSQC spectrum (MeOD) of 2

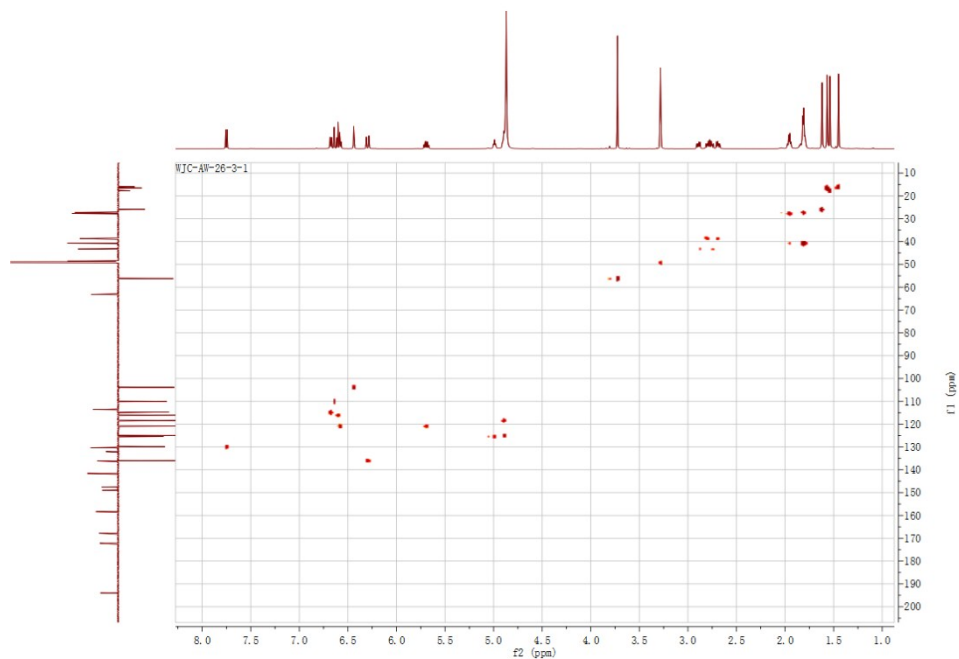
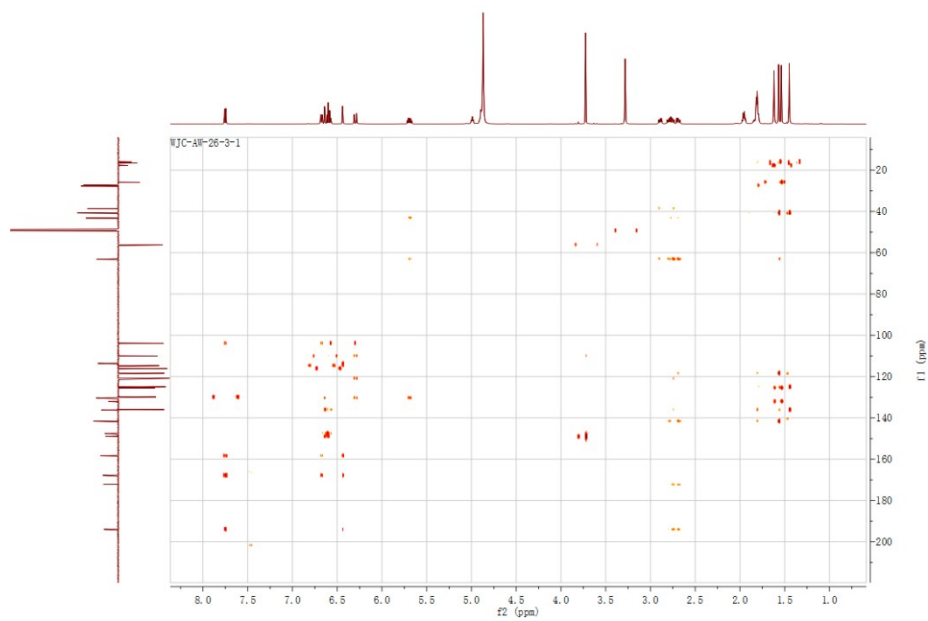


Figure S16. HMBC spectrum (MeOD) of 2



# MS, UV, IR and NMR Spectra of Compound 4

Figure S17. HR-ESI-MS spectrum of 4

AW-57\_170407112401 #6 RT: 0.04 AV: 1 NL: 3.70E7  
T: FTMS + p ESI Full ms [50.00-500.00]

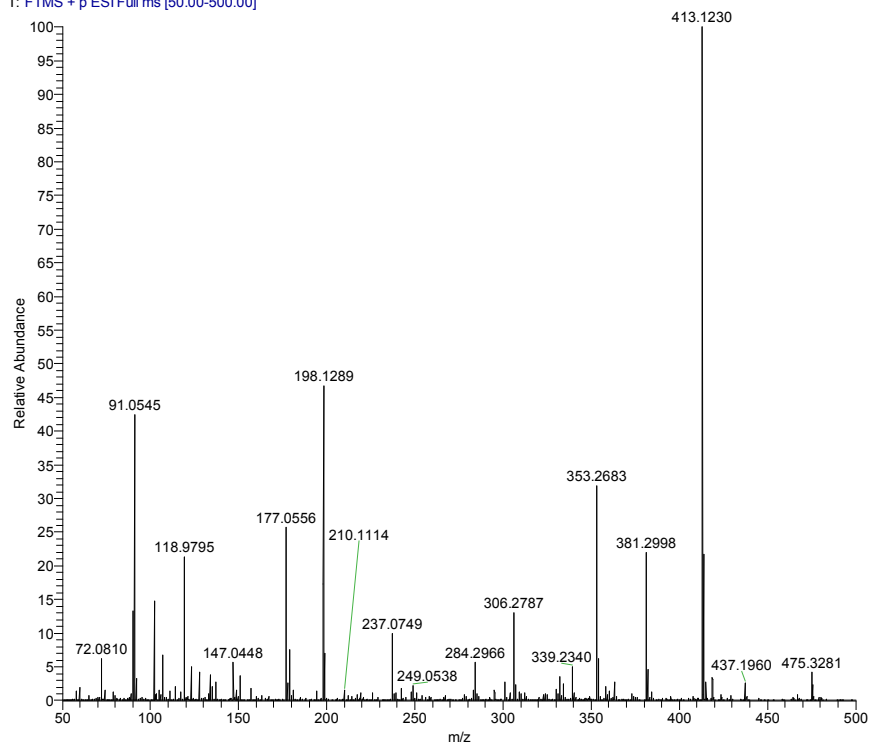


Figure S18. IR spectrum of 4

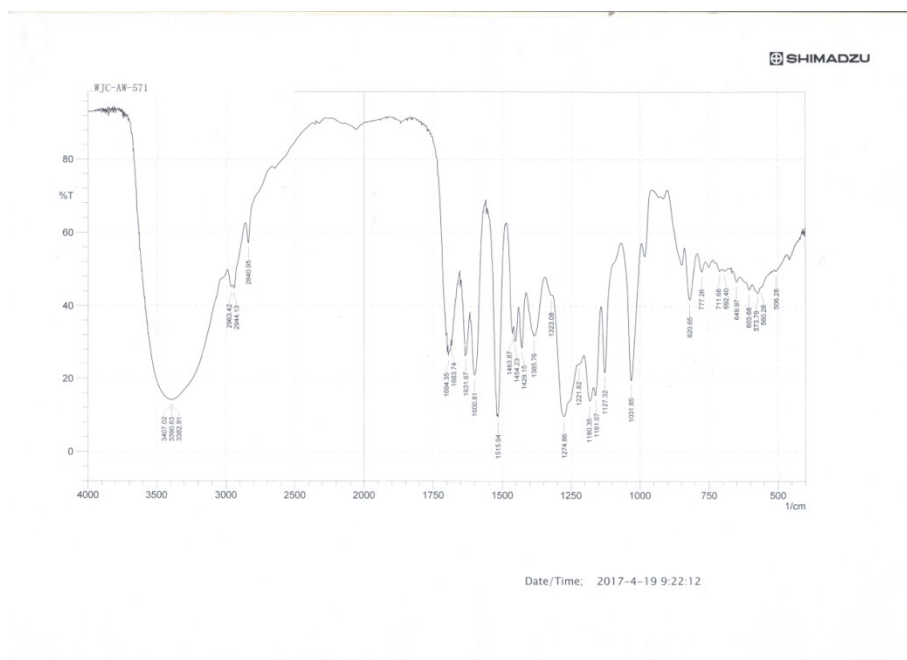




Figure S20.  $^1\text{H-NMR}$  spectrum (MeOD, 600 MHz) of 4

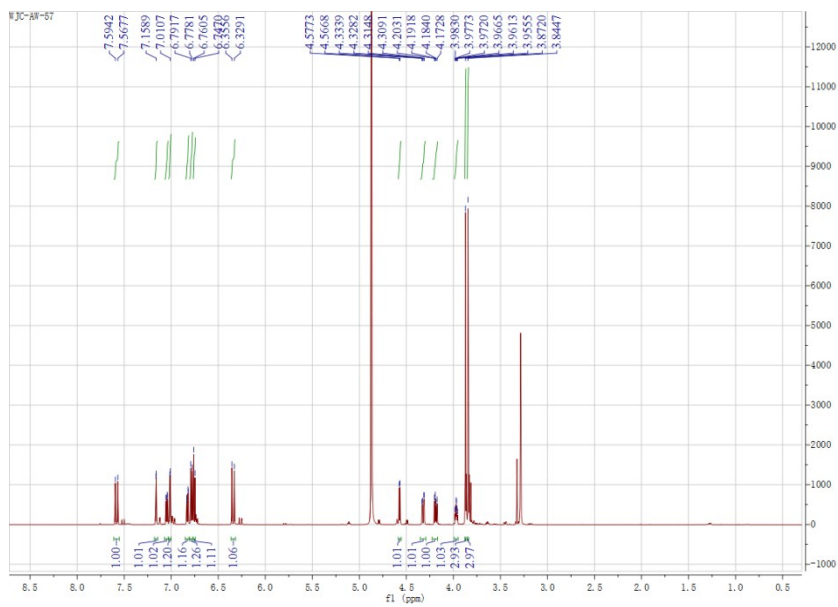


Figure S21.  $^{13}\text{C}$ -NMR spectrum (MeOD, 125 MHz) of 4

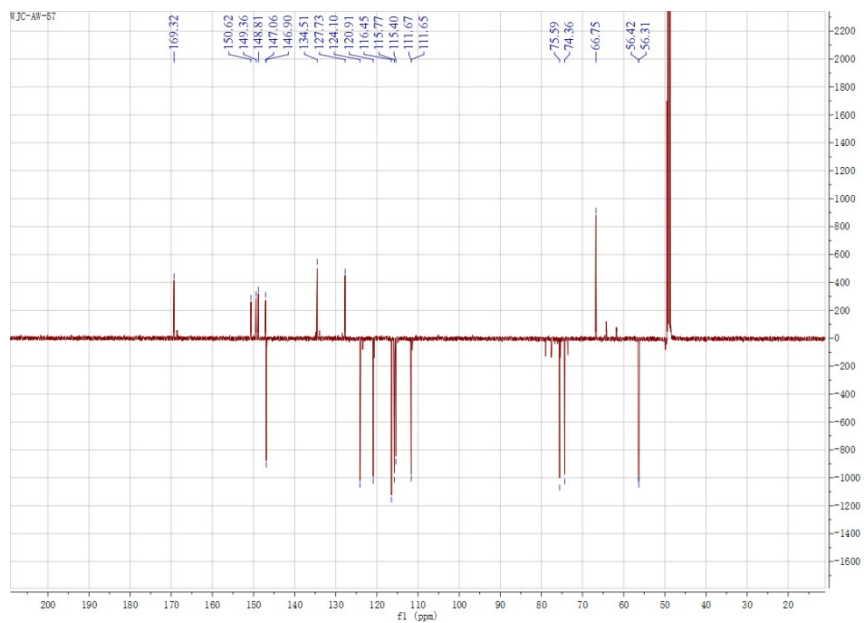




Figure S22.  $^1\text{H}$ - $^1\text{H}$  COSY spectrum (MeOD) of 4

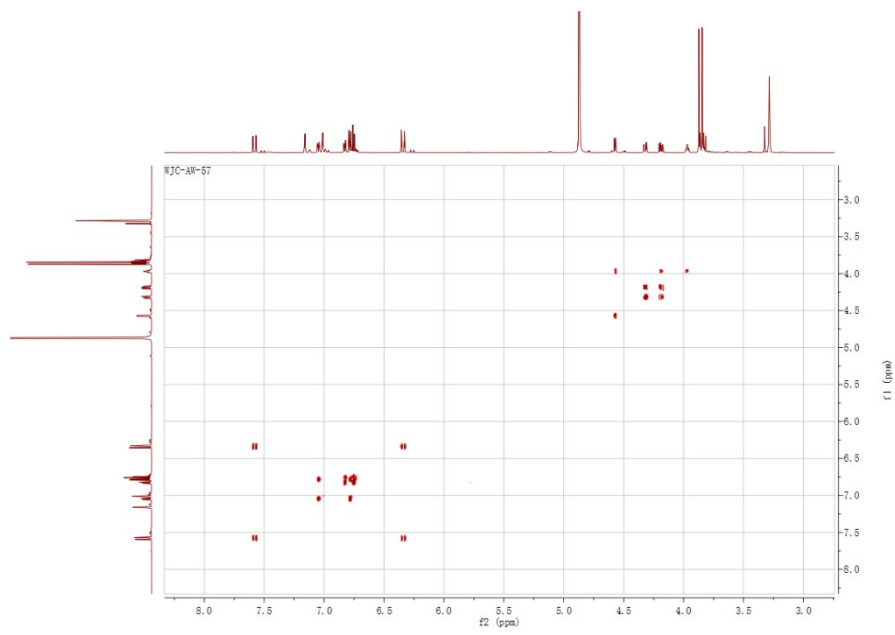


Figure S23. HSQC spectrum (MeOD) of 4

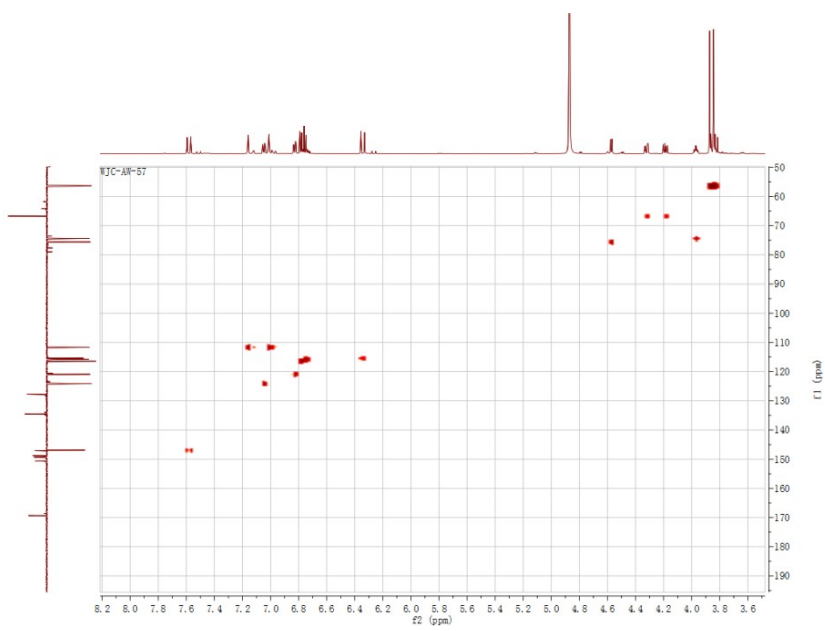
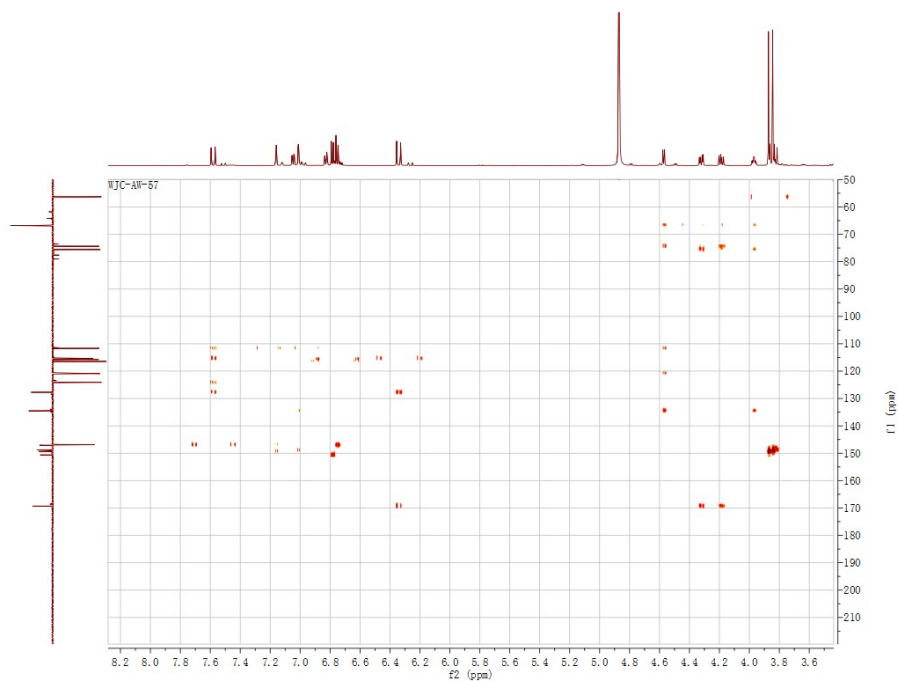


Figure S24. HMBC spectrum (MeOD) of 4



# MS, UV, IR and NMR Spectra of Compound 5

Figure S25. HR-ESI-MS spectrum of 5

AW-58\_170407112401 #1 RT: 0.00 AV: 1 NL: 1.14E7  
T: FTMS + p ESI Full ms [50.00-500.00]

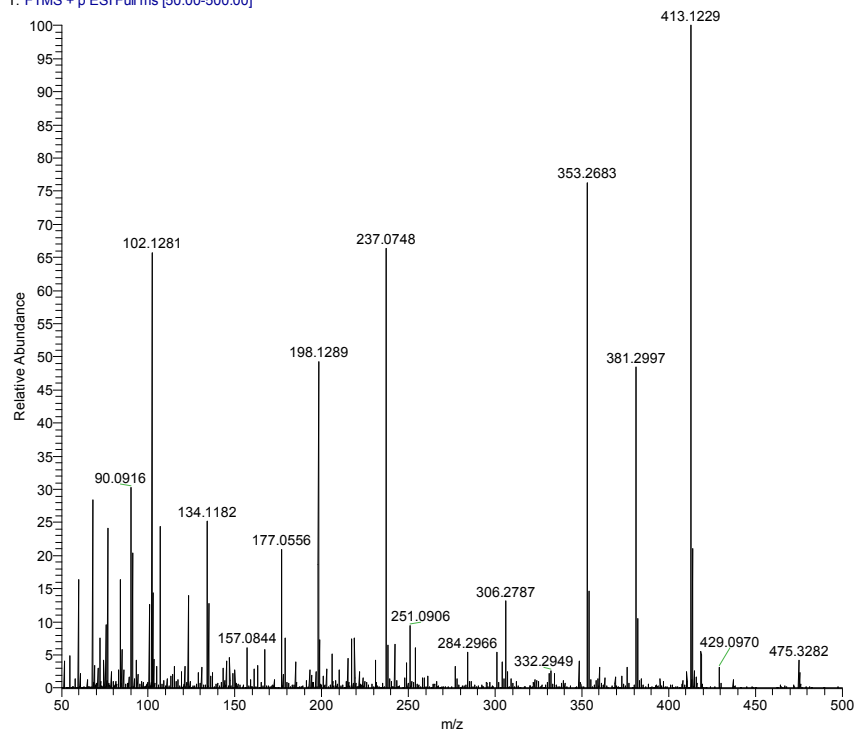


Figure S26. IR spectrum of 5

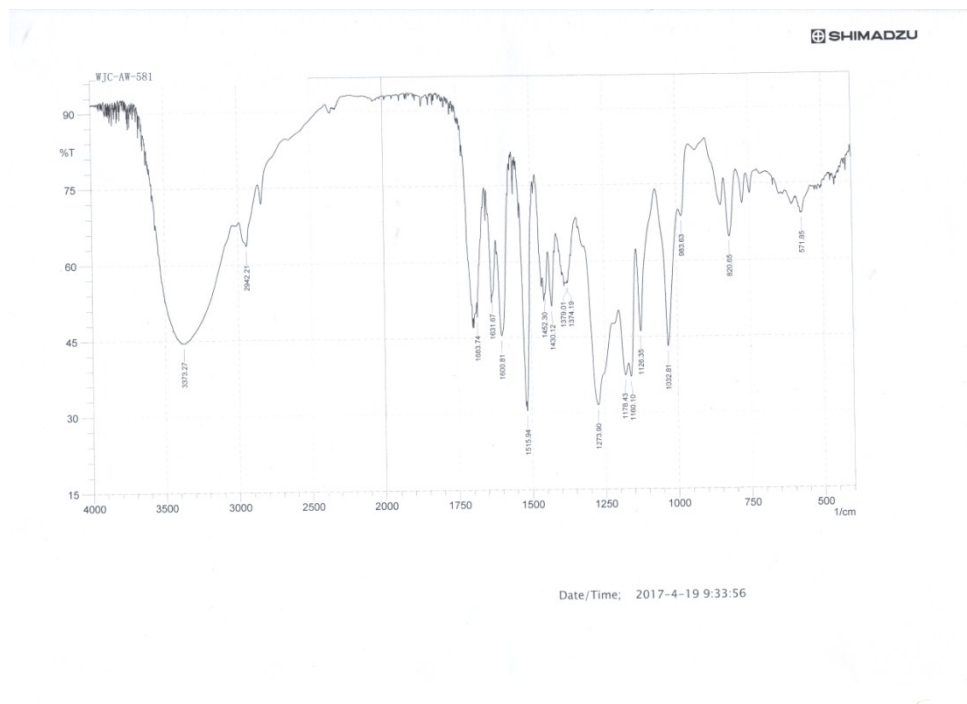
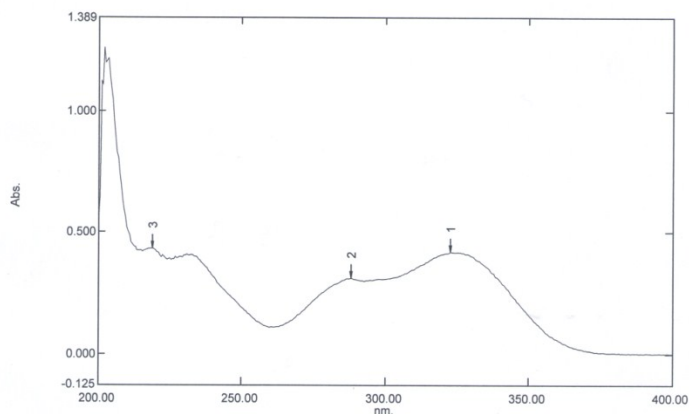


Figure S27. UV spectrum in MeOH of 5

**Spectrum Peak Pick Report**

2017-04-17 15:08:59

Data Set: Storage 150735 - RawData - D:\2017\WJC-AW-58.spc



Measurement Properties  
 Wavelength Range (nm.): 200.00 to 400.00  
 Scan Speed: Medium  
 Sampling Interval: 0.5  
 Auto Sampling Interval: Disabled  
 Scan Mode: Single

No.	P/V	Wavelength	Abs.	Description
1	⊕	323.00	0.420	
2	⊕	288.00	0.312	
3	⊕	219.00	0.434	

Sample Preparation Properties  
 Weight:  
 Volume:  
 Dilution:  
 Path Length:  
 Additional Information:

Instrument Properties  
 Instrument Type: UV-2500PC Series  
 Measuring Mode: Absorbance  
 Slit Width: 1.0 nm  
 Light Source Change Wavelength: 360.0 nm  
 S/R Exchange: Normal

Attachment Properties  
 Attachment: 6-Cell  
 Number of cells: 6

*Handwritten notes:*  
 2017-04-17  
 WJC

Figure S28. <sup>1</sup>H-NMR spectrum (MeOD, 600 MHz) of 5

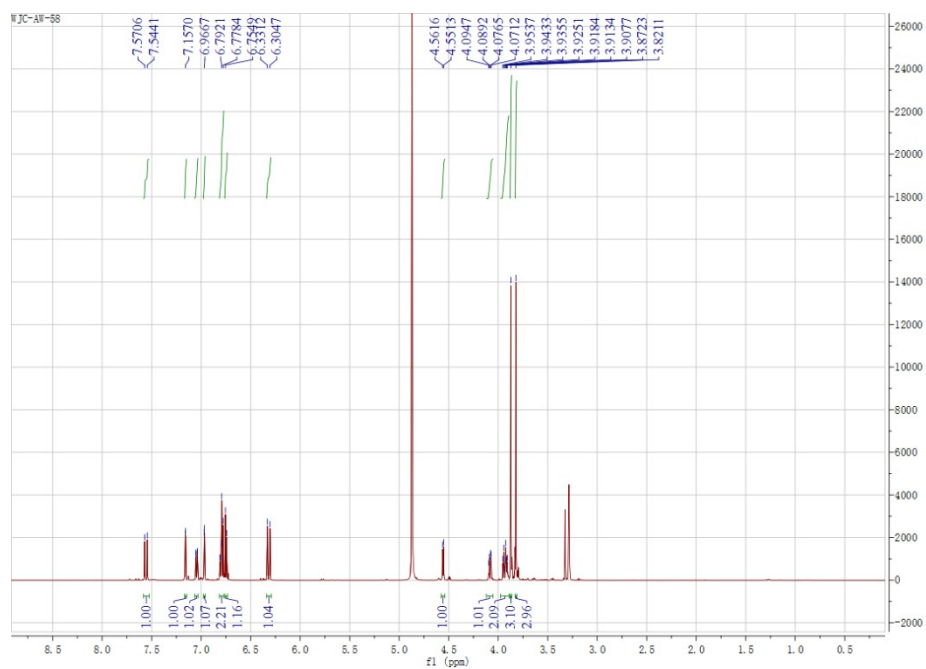


Figure S29.  $^{13}\text{C}$ -NMR spectrum (MeOD, 125 MHz) of 5

