

Supporting information for

Anticancer Effects of Five Biflavonoids from *Ginkgo biloba* L. Male Flowers *in Vitro*

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Figure S1. ^1H -NMR spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1) in $\text{DMSO-}d_6$

Figure S2. ^{13}C -NMR spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1) in $\text{DMSO-}d_6$

Figure S3. HSQC spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1) in $\text{DMSO-}d_6$

Figure S4. HMBC spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1) in $\text{DMSO-}d_6$

Figure S5. H-H COSY spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1) in $\text{DMSO-}d_6$

Figure S6. NOESY spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1) in $\text{DMSO-}d_6$

Figure S7. HR-ESI-MS spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1)

Figure S8. IR spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1)

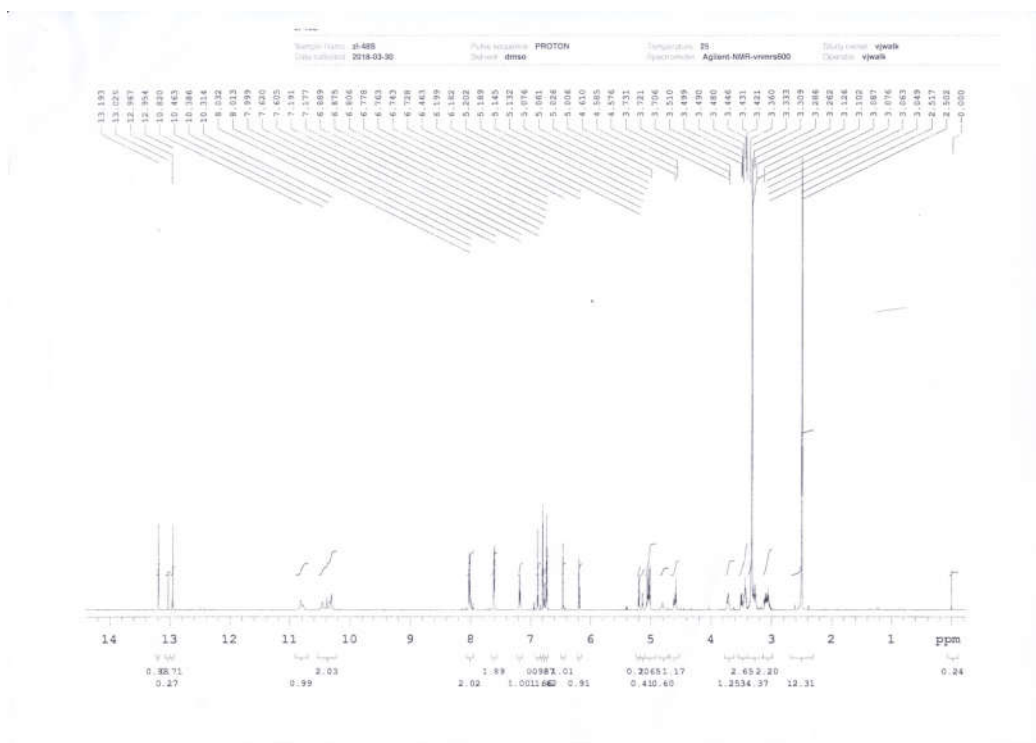


Figure S1. $^1\text{H-NMR}$ spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1) in $\text{DMSO-}d_6$

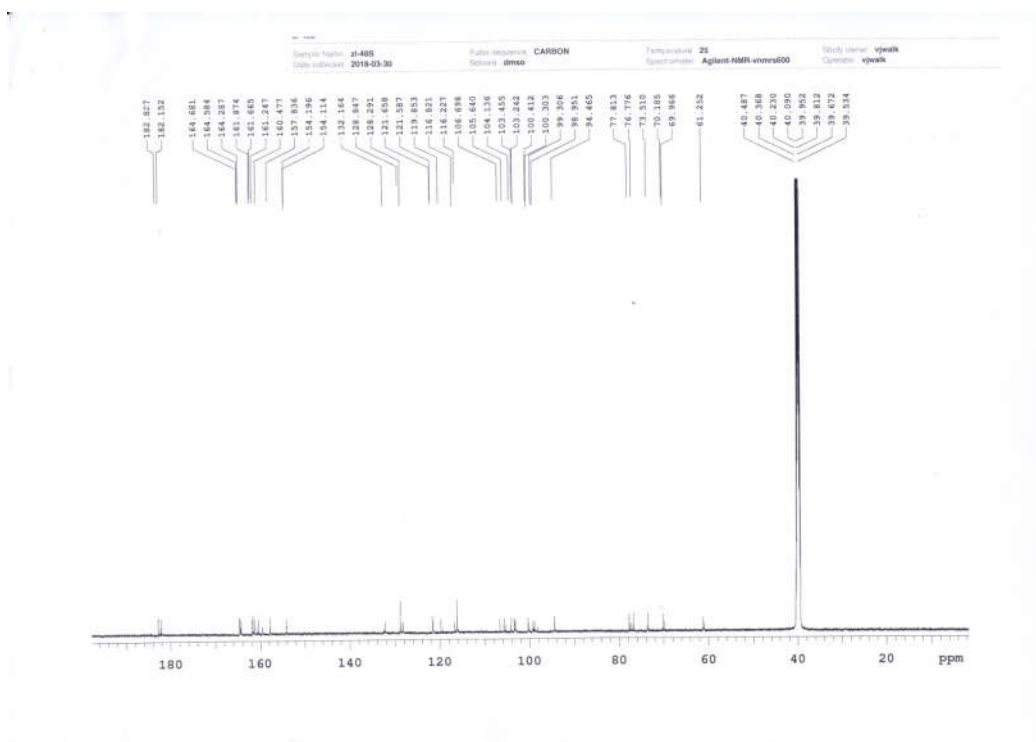


Figure S2. $^{13}\text{C-NMR}$ spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1) in $\text{DMSO-}d_6$

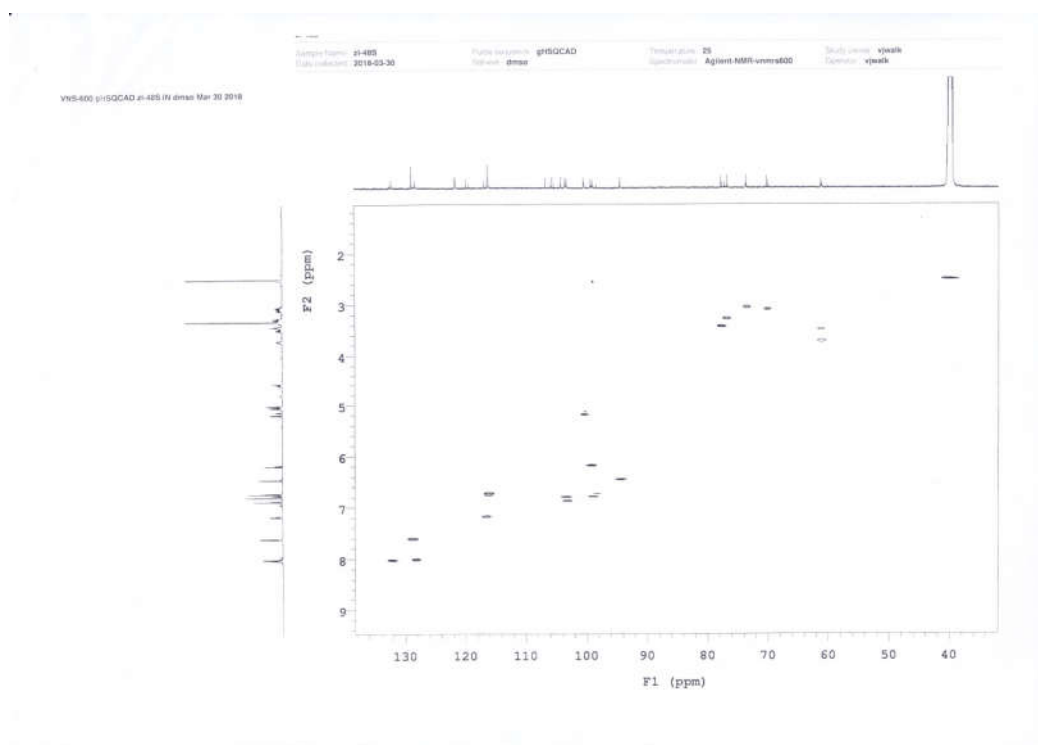


Figure S3. HSQC spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1) in DMSO- d_6

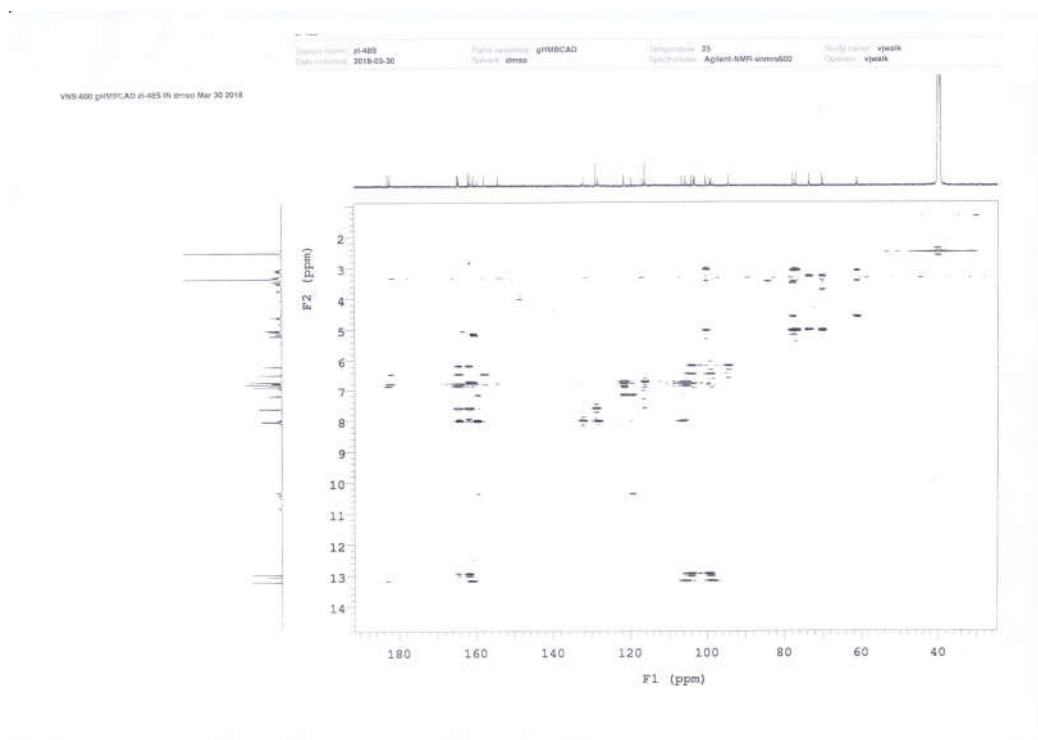


Figure S4. HMBC spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1) in DMSO- d_6

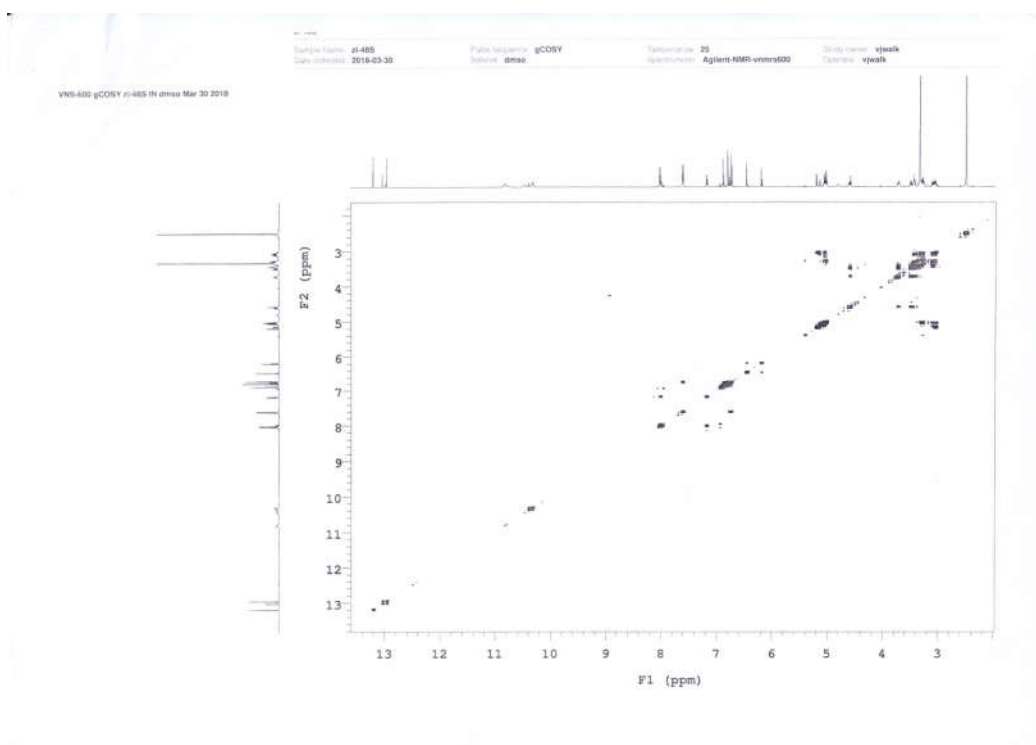


Figure S5. H-H COSY spectrum of Amentoflavone 7''-O- β -D-glucopyranoside (1) in DMSO- d_6

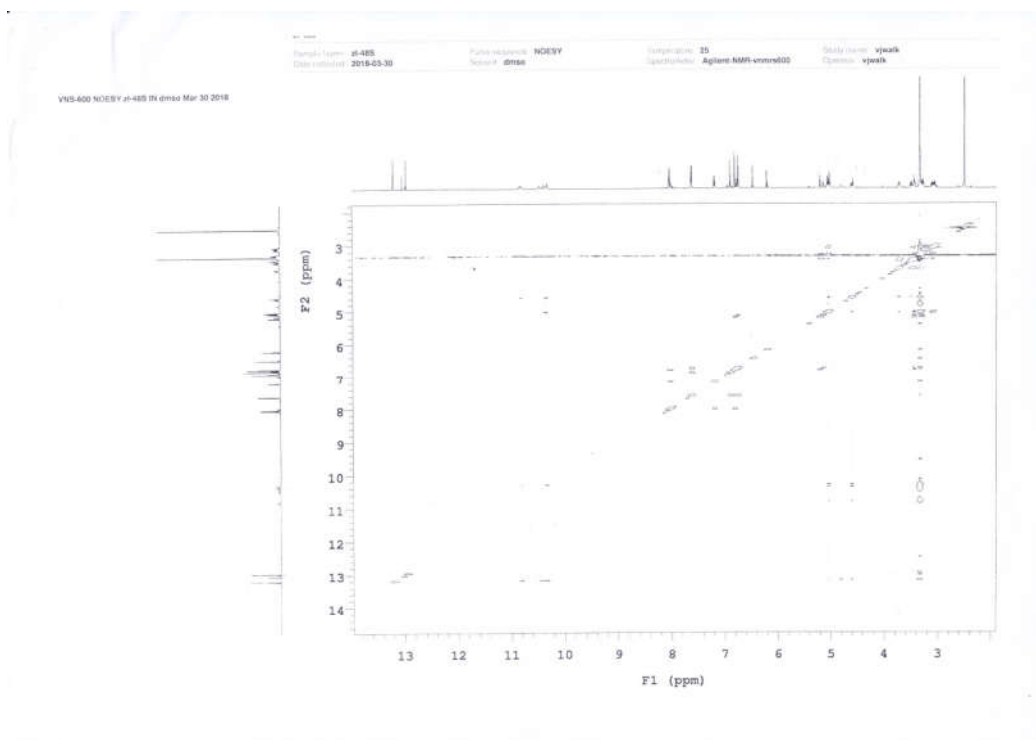


Figure S6. NOESY spectrum of Amentoflavone 7''-O-β-D-glucopyranoside (1) in DMSO-*d*₆

Qualitative Analysis Report			
Data Filename	4211.d	Sample Name	21-48s
Instrument Name	TOF G6230A	Acquired Time	2018-08-07
Acq Method	YCL.M	Acquired SW	6200 series TOF/6500 series
IRM Calibration Status	Success		
User Chromatograms			

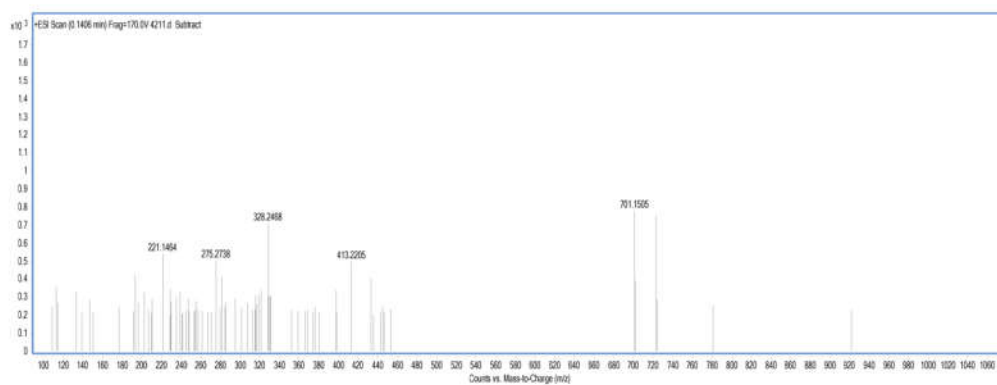


Figure S7. HR-ESI-MS spectrum of Amentoflavone 7''-O-β-D-glucopyranoside (1)

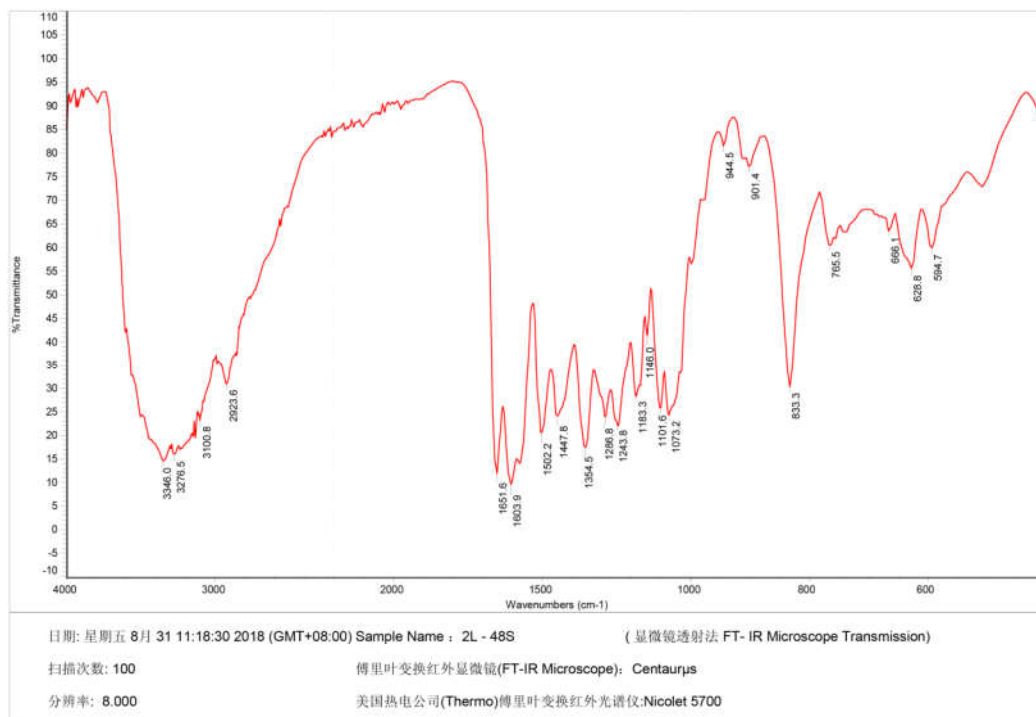


Figure S8. IR spectrum of Amentoflavone 7''-O-β-D-glucopyranoside (1)