

Supplementary Materials: Protein Tyrosine Phosphatase 1B Inhibitors from the Stems of *Akebia quinata*

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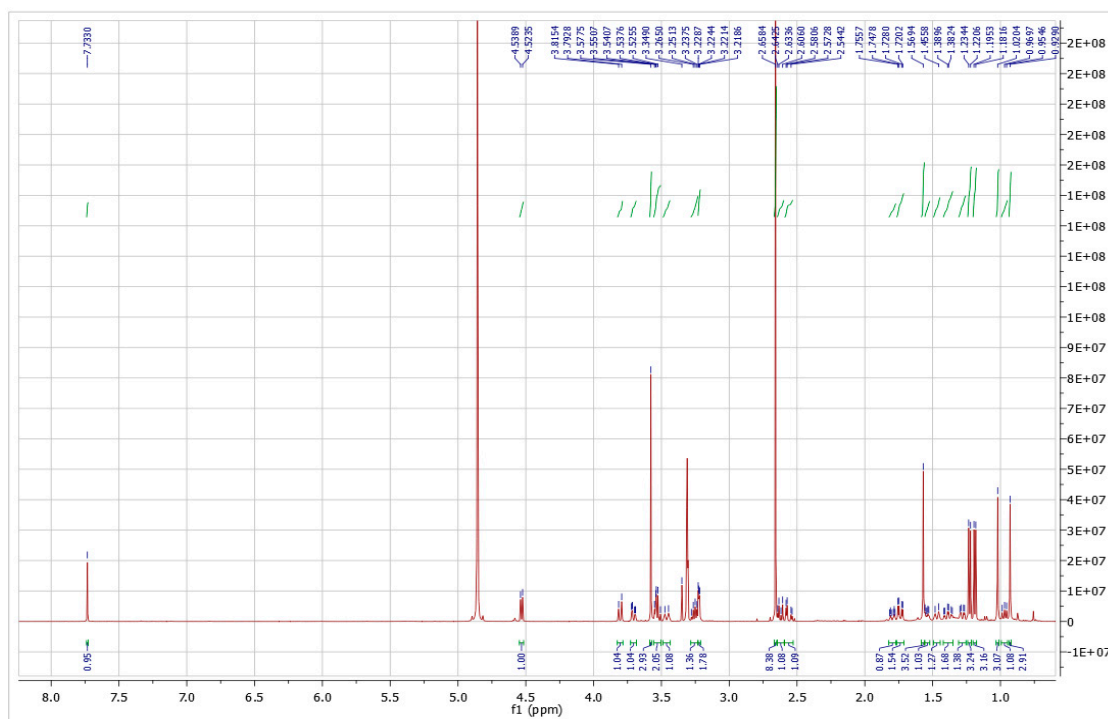


Figure S1. ^1H NMR spectrum of compound 1 in methanol- d_4 at 600 MHz.

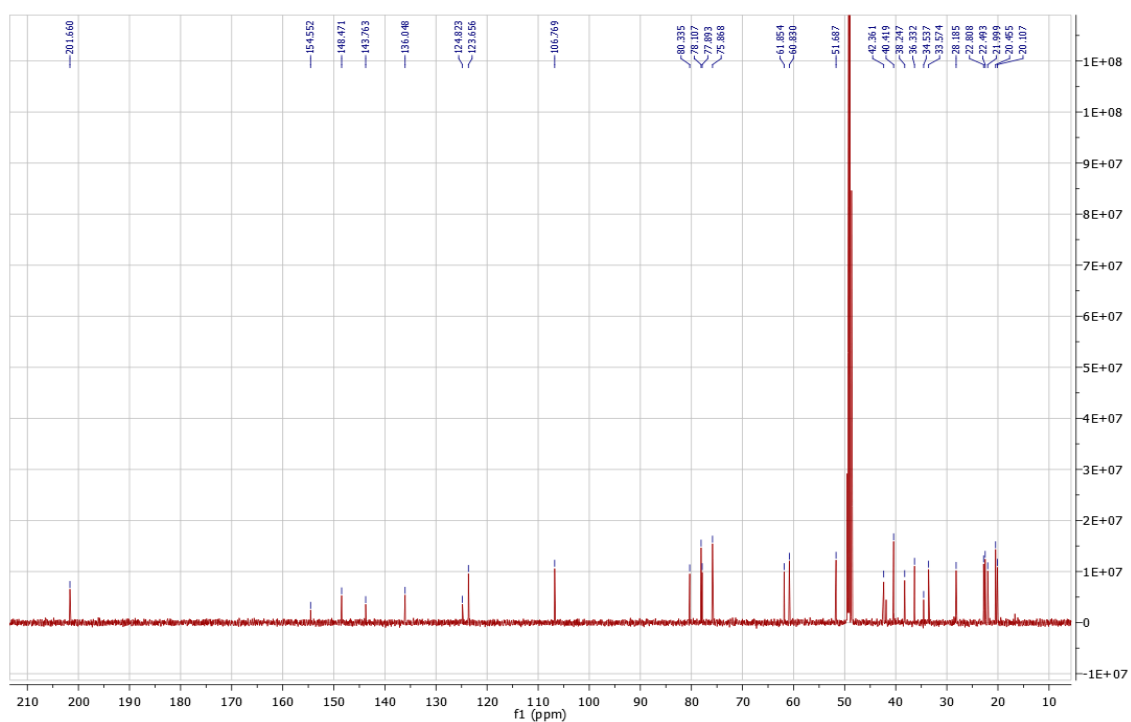


Figure S2. ^{13}C NMR spectrum of compound 1 in methanol- d_4 at 600 MHz.

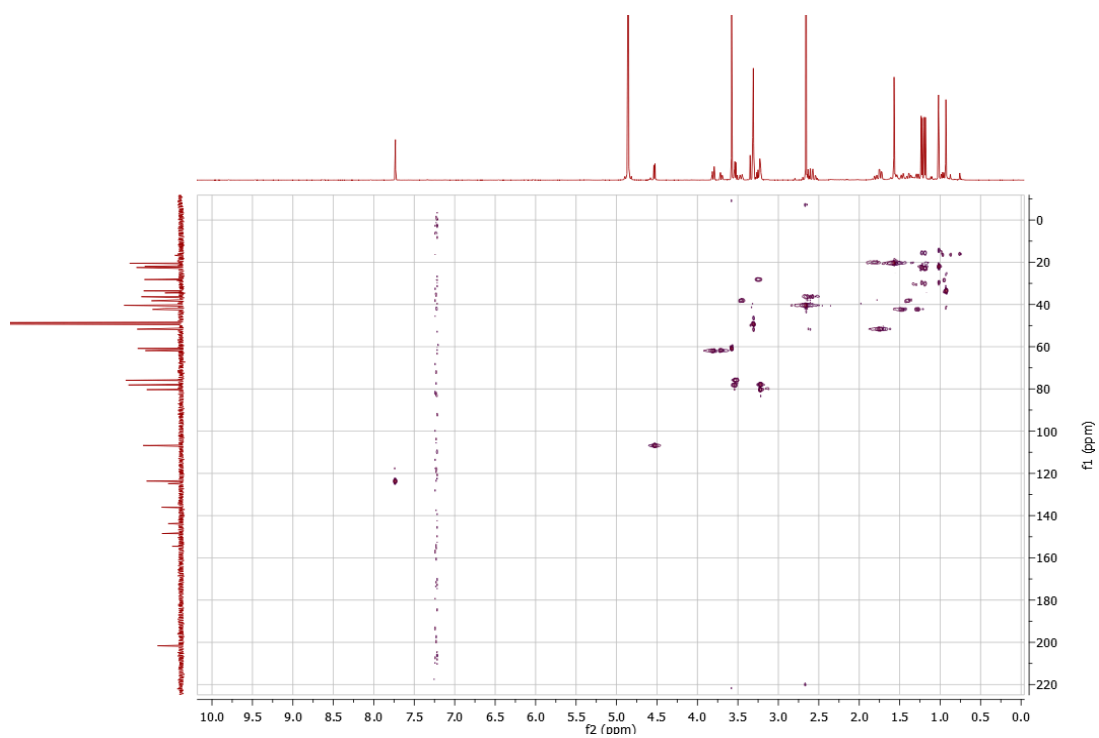


Figure S3. HSQC NMR spectrum of compound **1** in methanol-*d*₄ at 600 MHz.

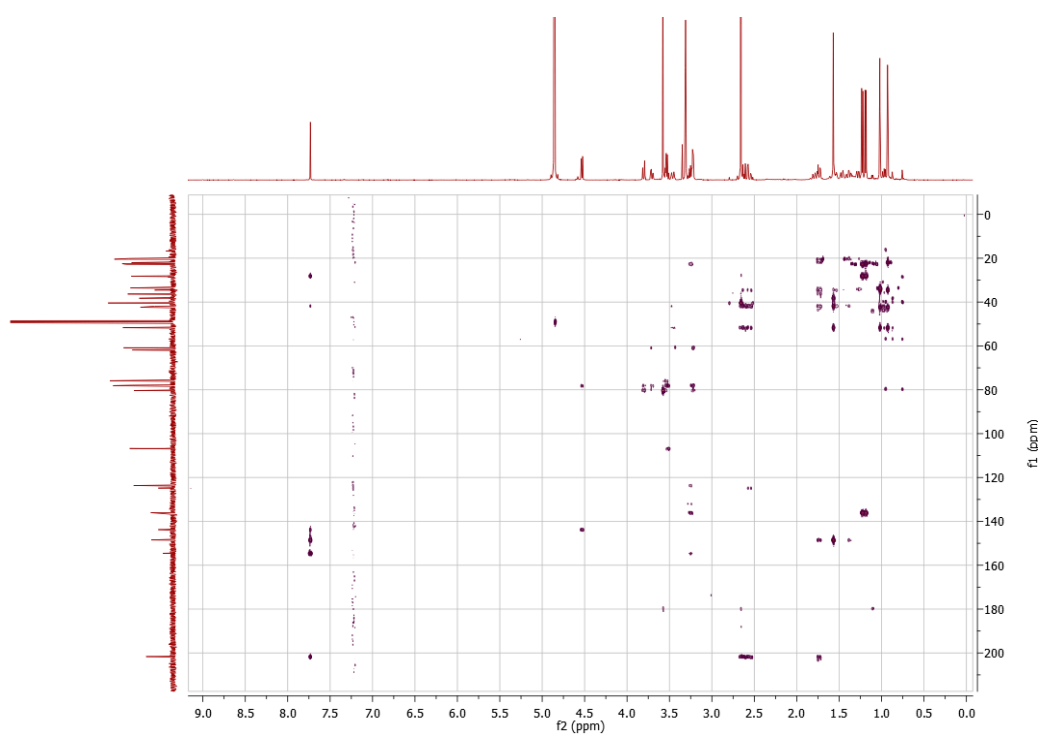


Figure S4. HMBC NMR spectrum of compound **1** in methanol-*d*₄ at 600 MHz.

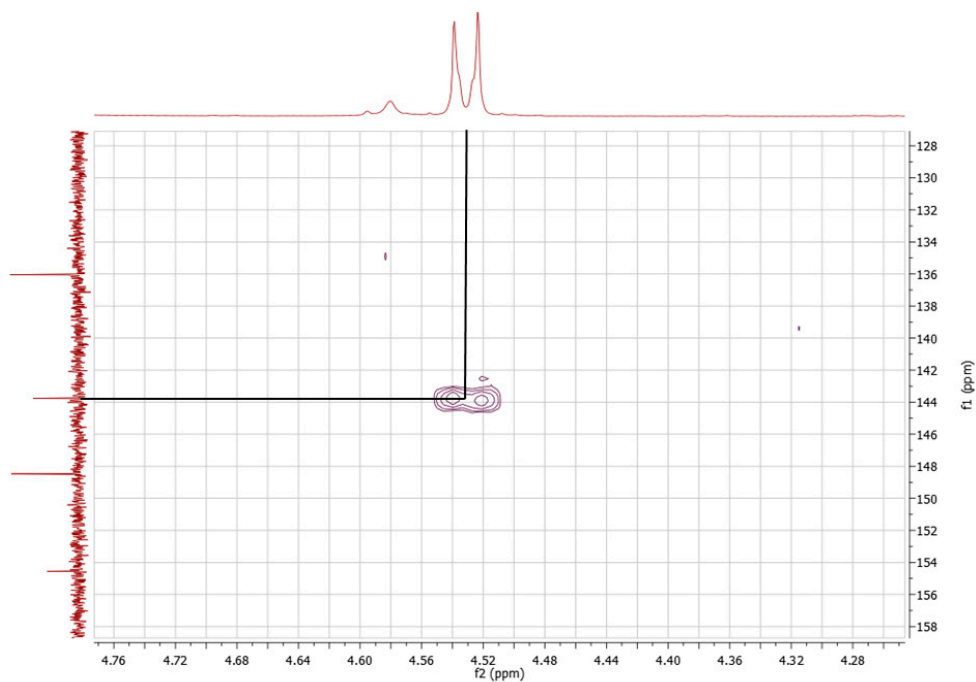


Figure S5. HMBC correlation from H-1' to C-11 of compound 1 in methanol-*d*₄ at 600 MHz.

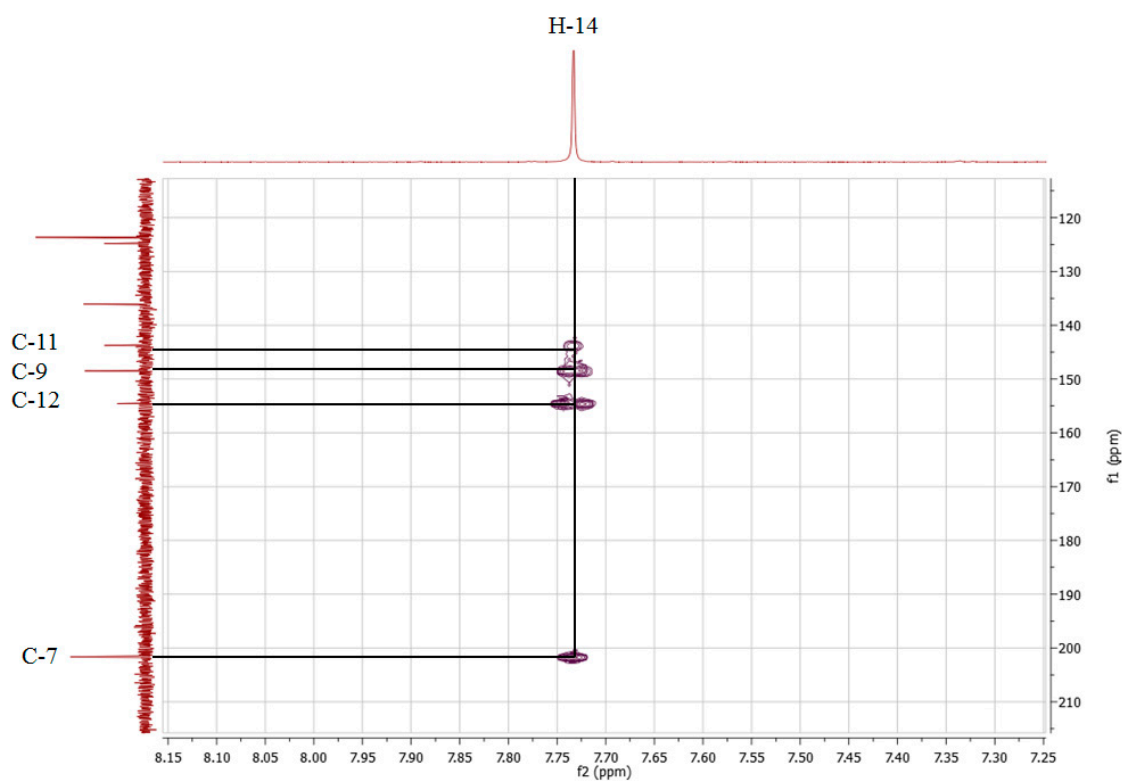


Figure S6. HMBC correlation from H-14 to C-7, C-9, C-11 and C-12 of compound 1 in methanol-*d*₄ at 600 MHz.

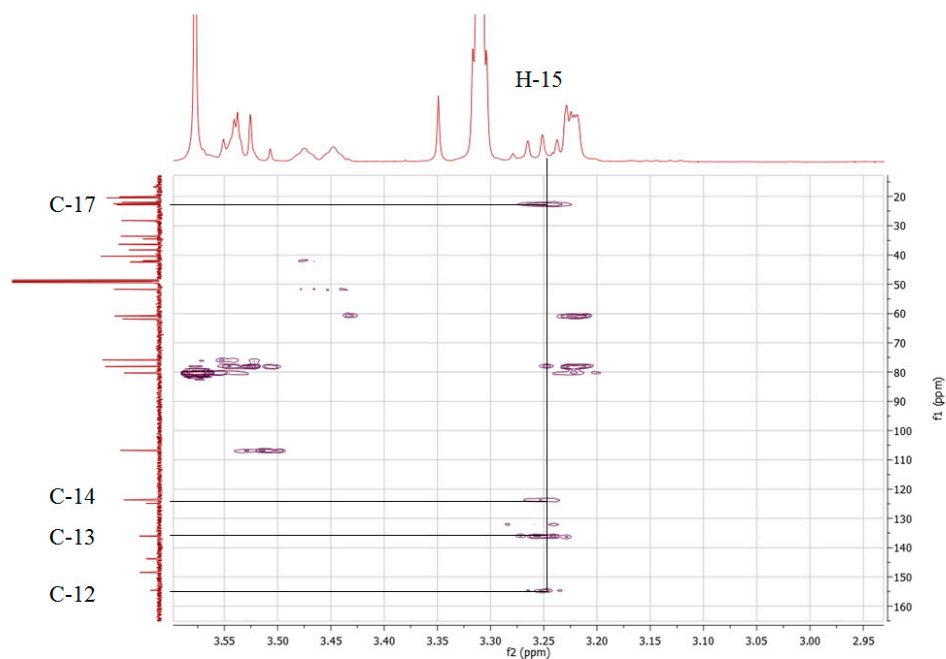


Figure S7. HMBC correlation from H-15 to C-12, C-13, C-14 and C-17 of compound **1** in methanol- d_4 at 600 MHz.

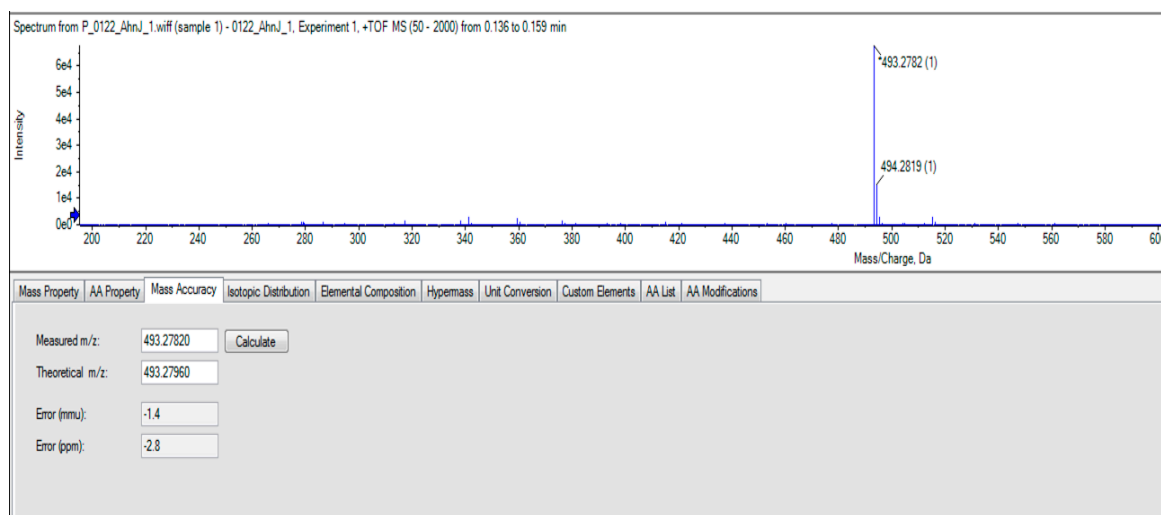


Figure S8. HRESIMS of compound **1** in positive mode.