

Supporting Information

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Guaiane-type Sesquiterpene Lactones from *Chrysophthalmum montanum*

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Mehmet Yavuz Paksoy³

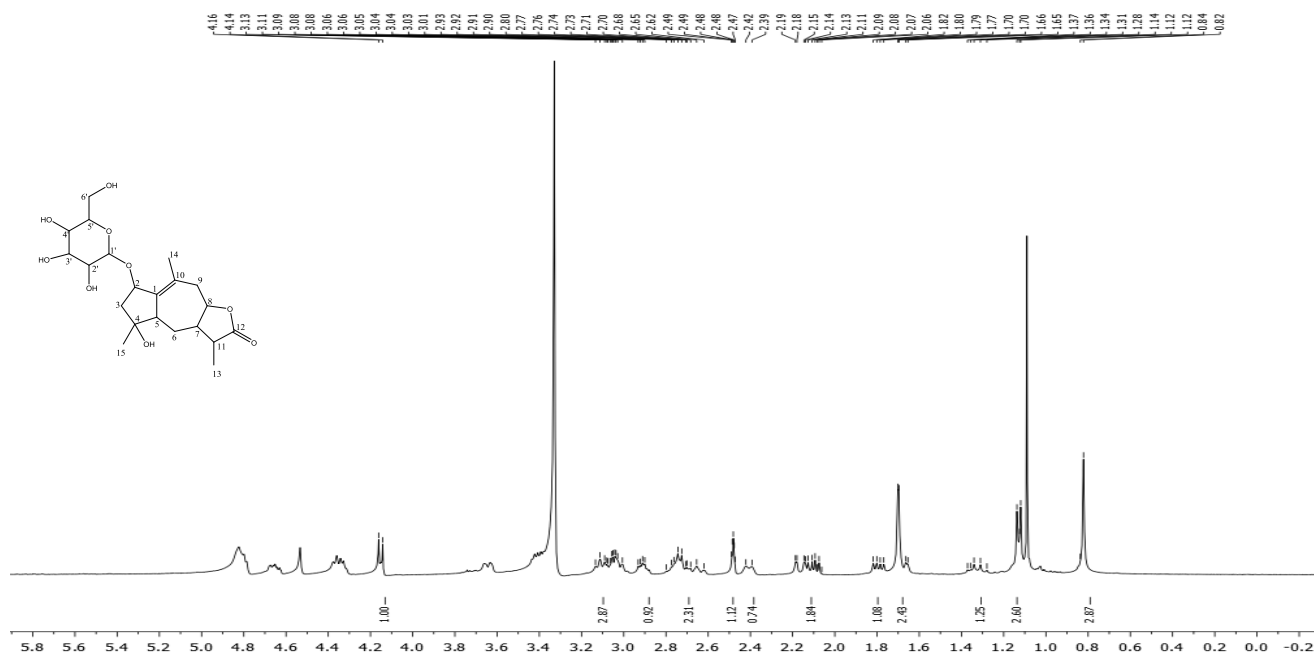
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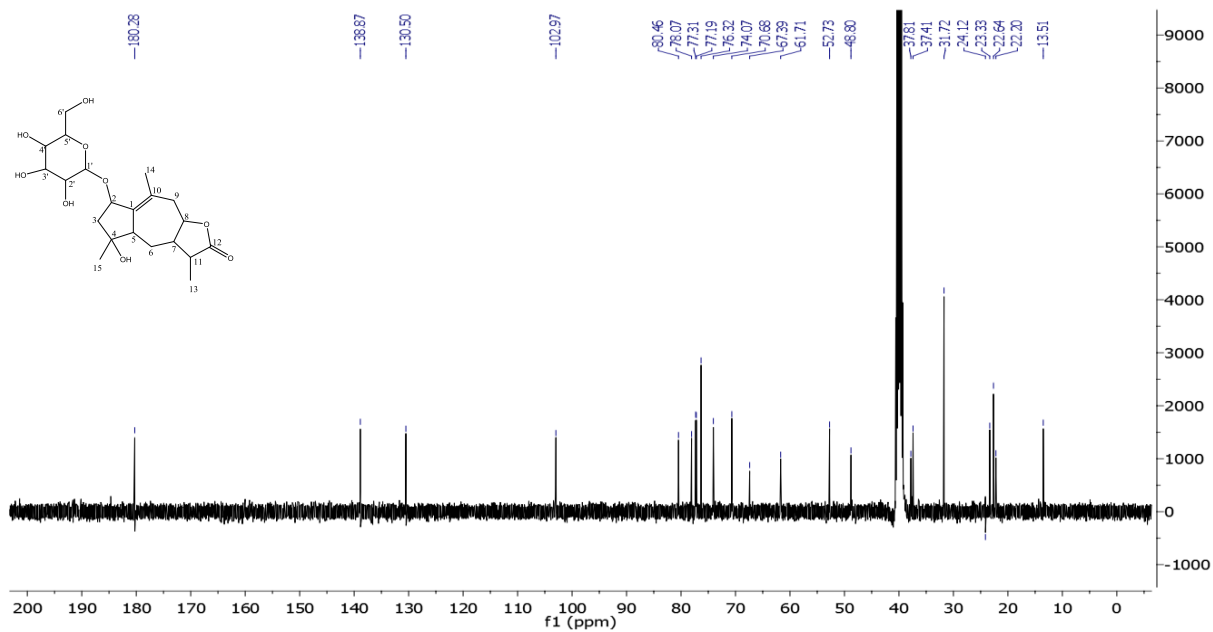
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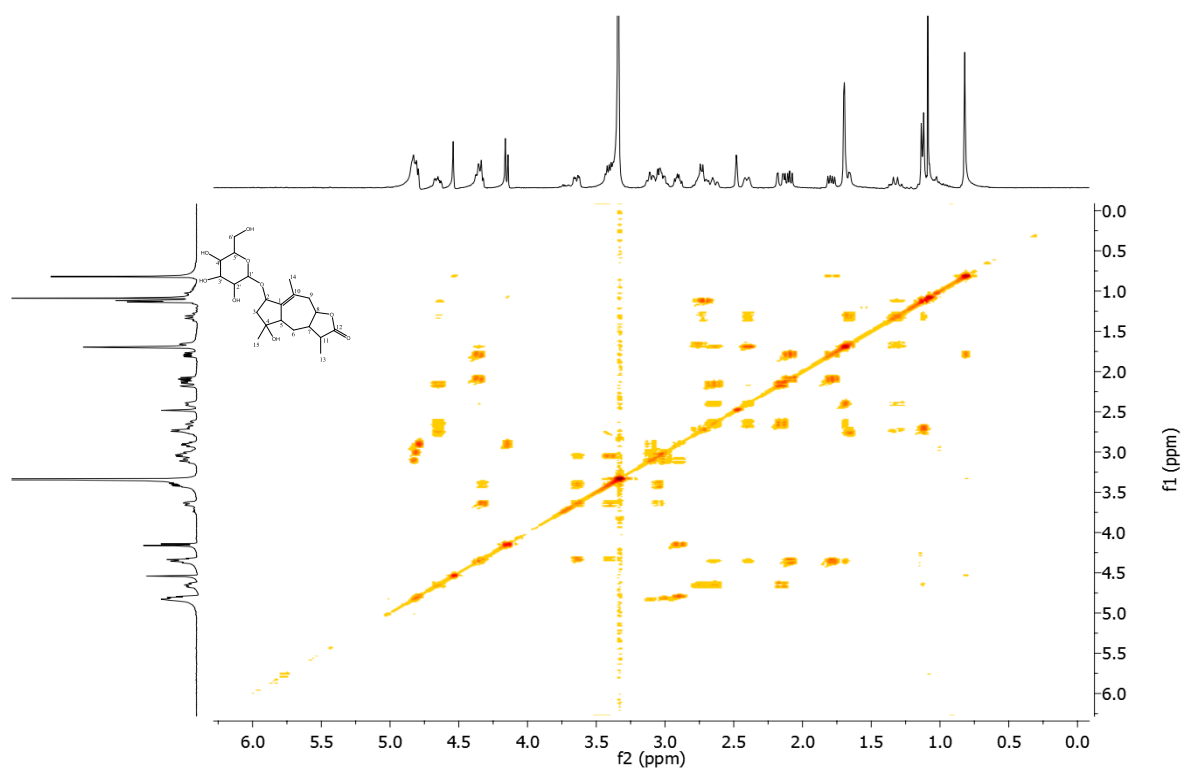
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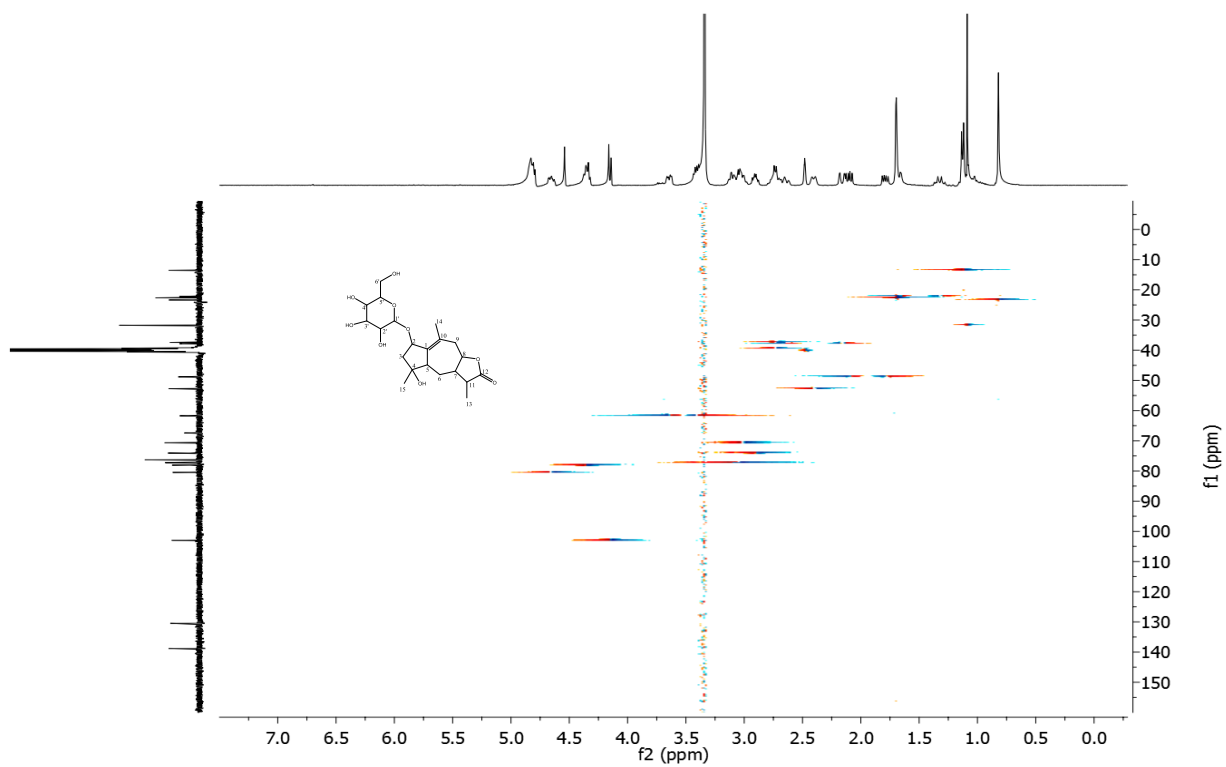
S1: $^1\text{H-NMR}$ (400 MHz, $\text{DMSO-}d_6$) Spectrum of Compound **1**



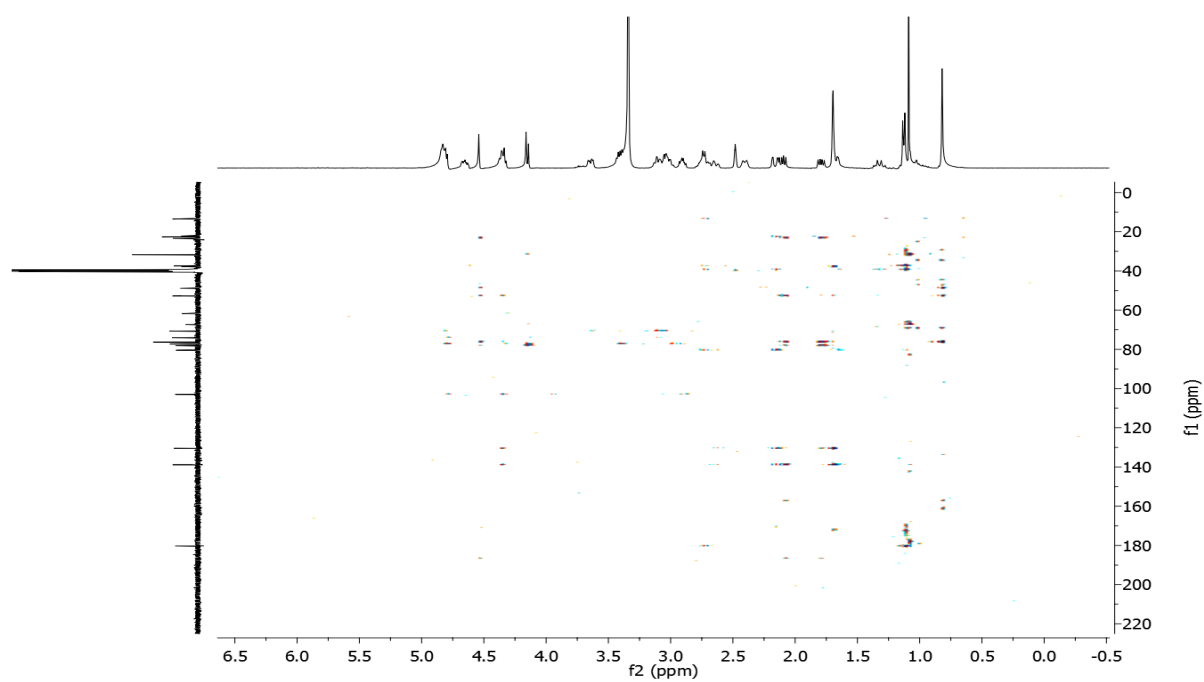
S2: ^{13}C -NMR (100 MHz, $\text{DMSO-}d_6$) Spectrum of Compound **1**



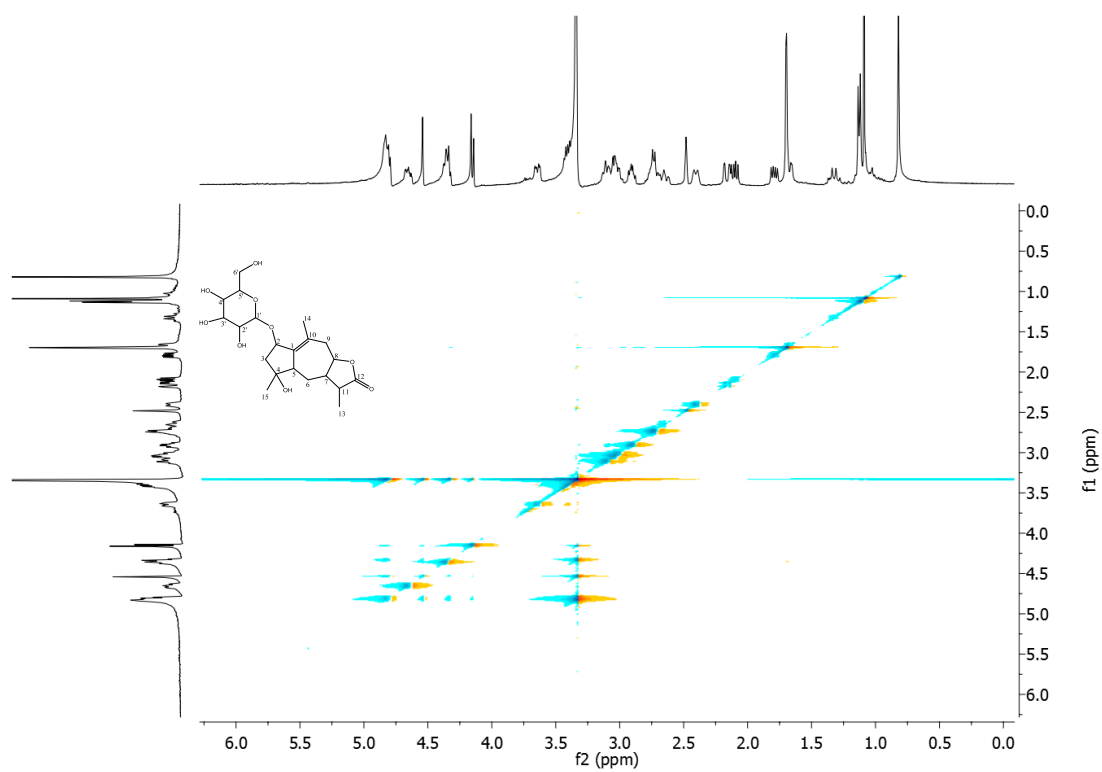
S3: COSY (400 MHz) Spectrum of Compound 1



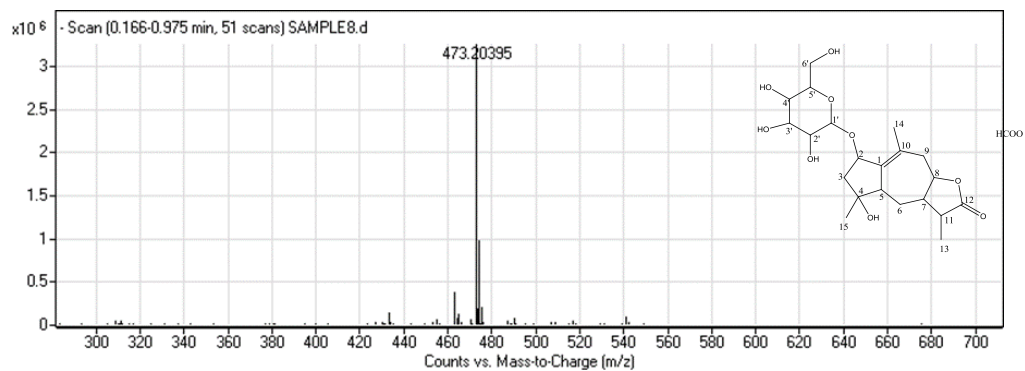
S4: HSQC (400MHz) Spectrum of Compound 1



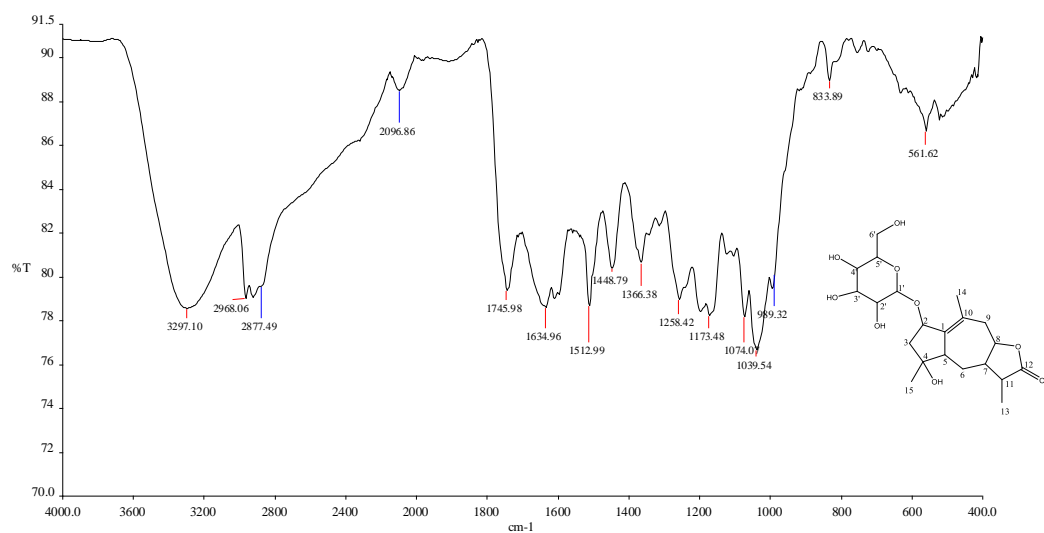
S5: HMBC (400 MHz) Spectrum of Compound **1**



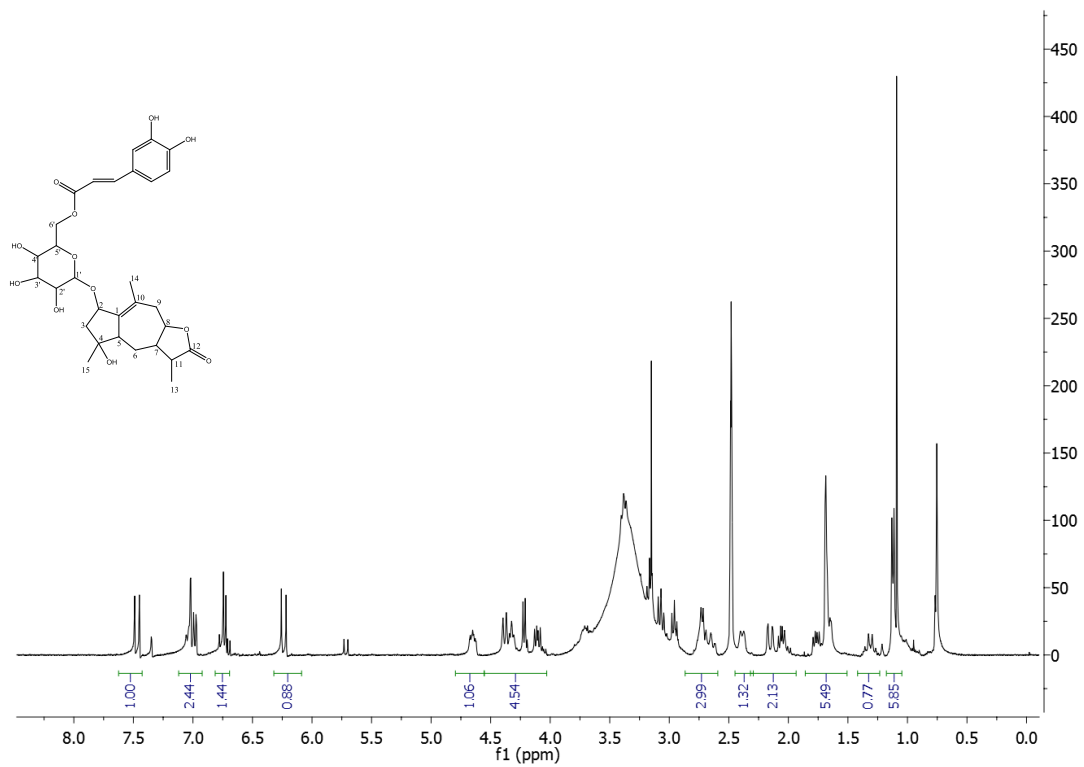
S6: NOESY (400 MHz) Spectrum of Compound 1



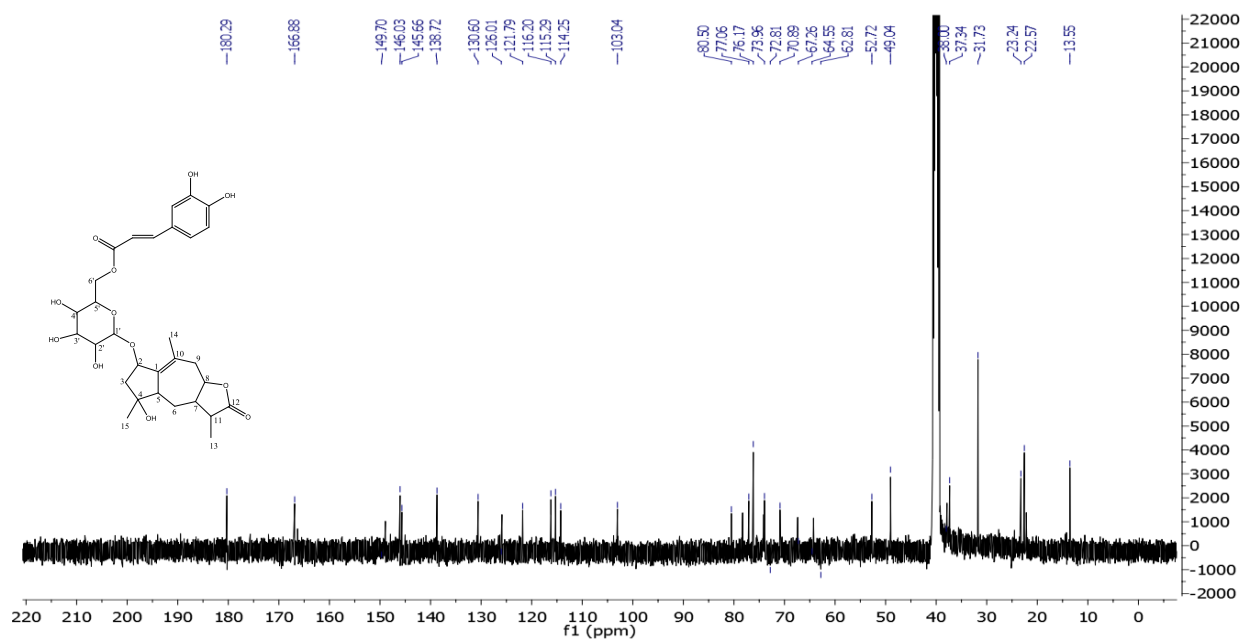
S7: HRESI-MS Spectrum of Compound I



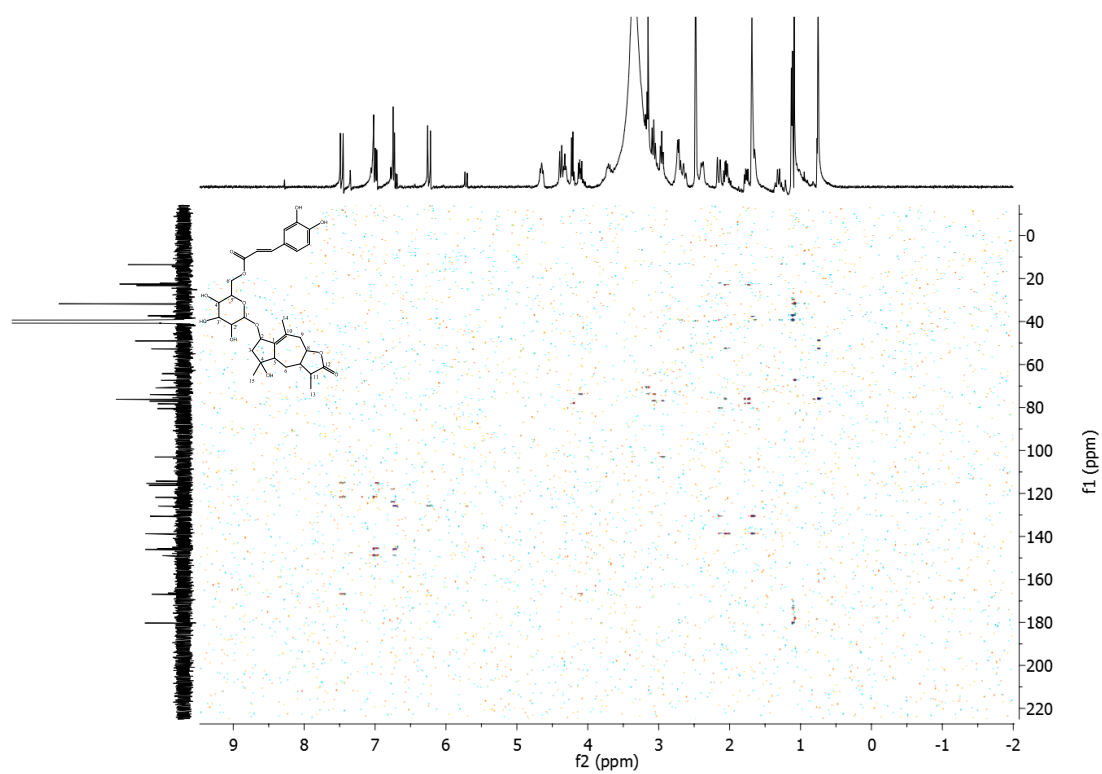
S8: IR Spectrum of Compound I



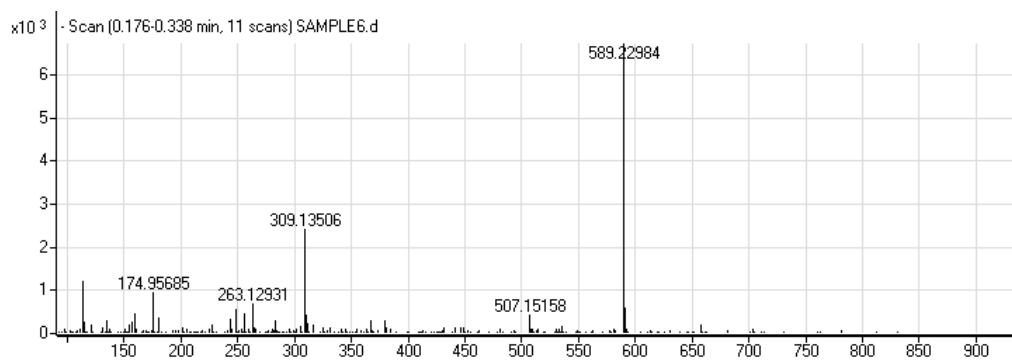
S9: ¹H-NMR (400 MHz, DMSO-*d*₆) Spectrum of Compound 2



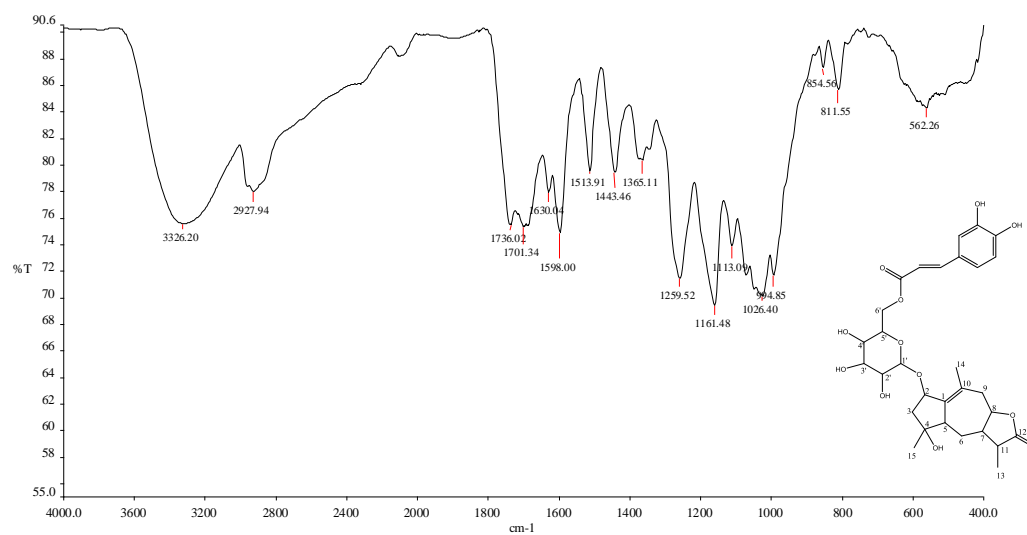
S10: ^{13}C -NMR (100 MHz, $\text{DMSO-}d_6$) Spectrum of Compound 2



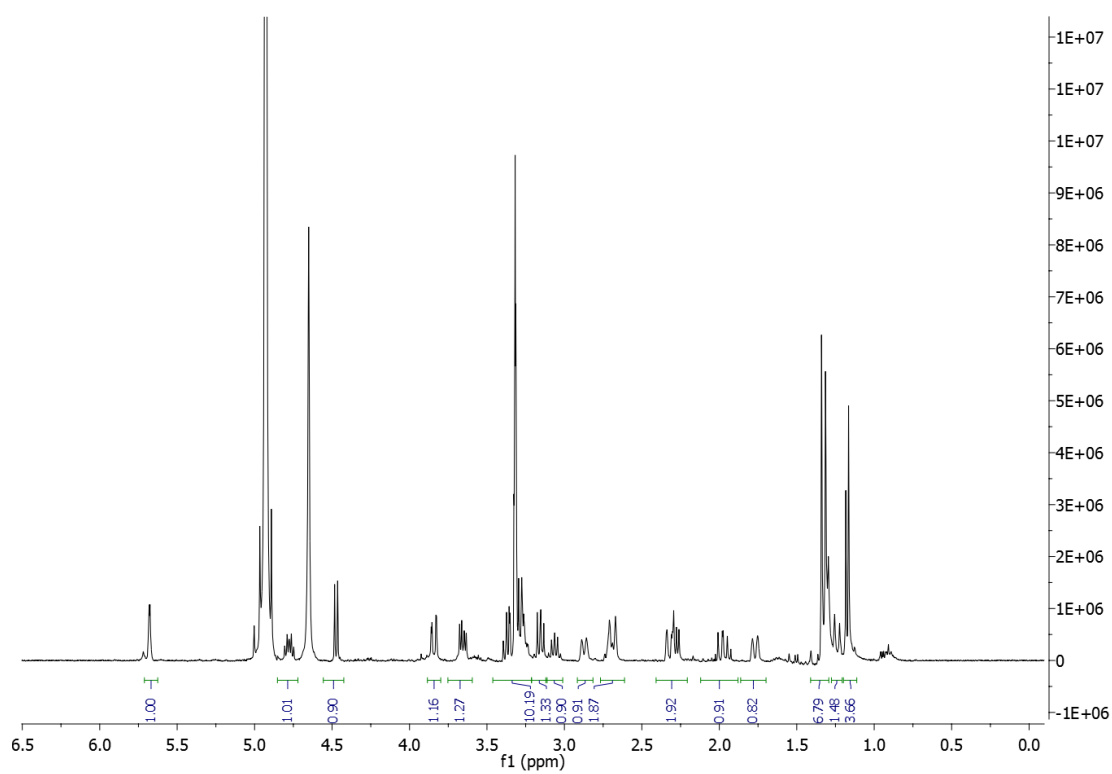
S11: HMBC (400 MHz) Spectrum of Compound 2



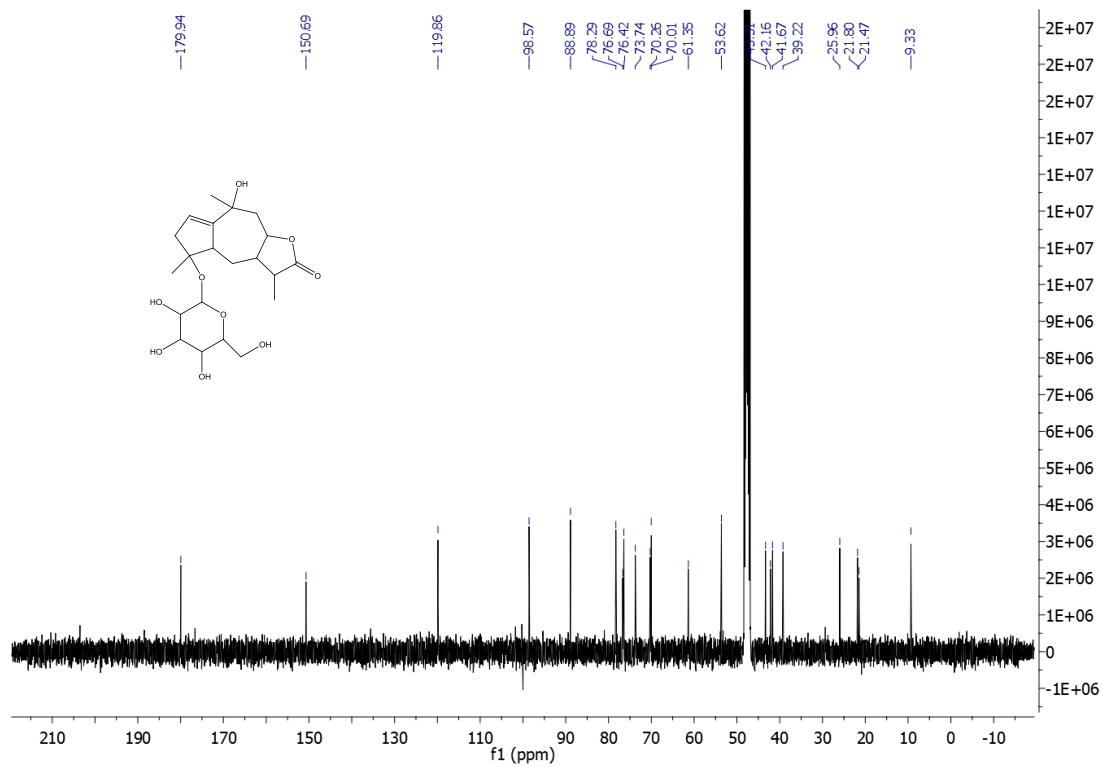
S12: HRESI-MS Spectrum of Compound 2



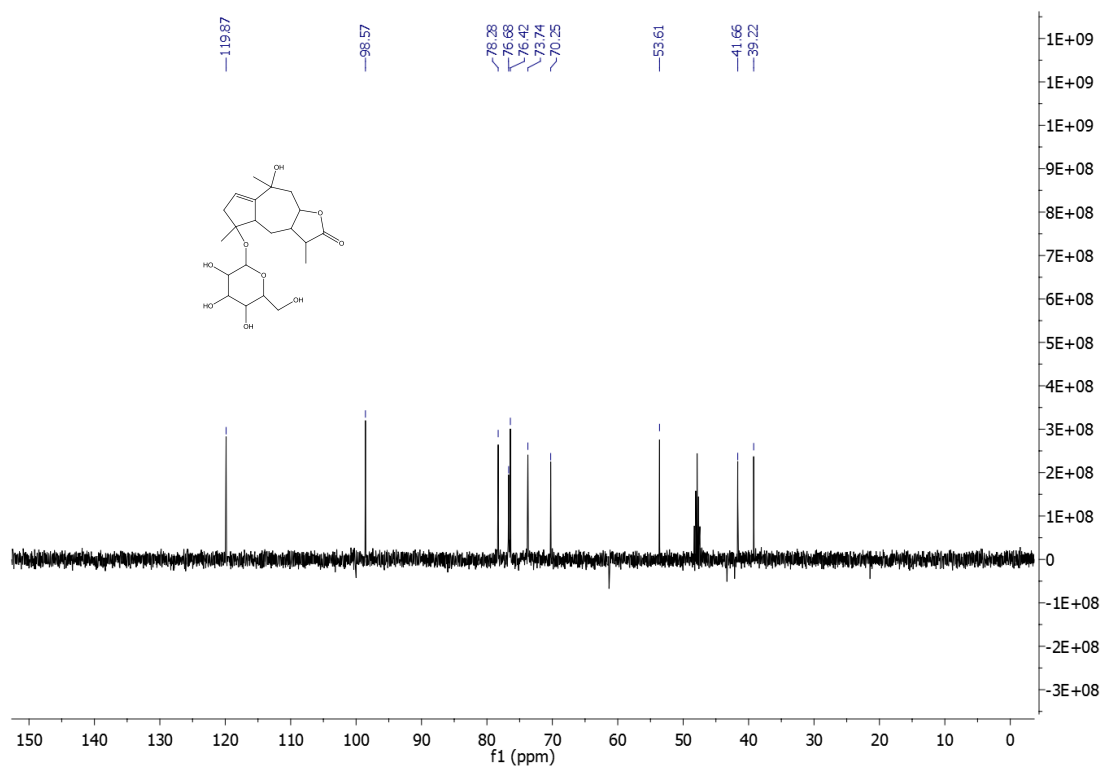
S13: IR Spectrum of Compound 2



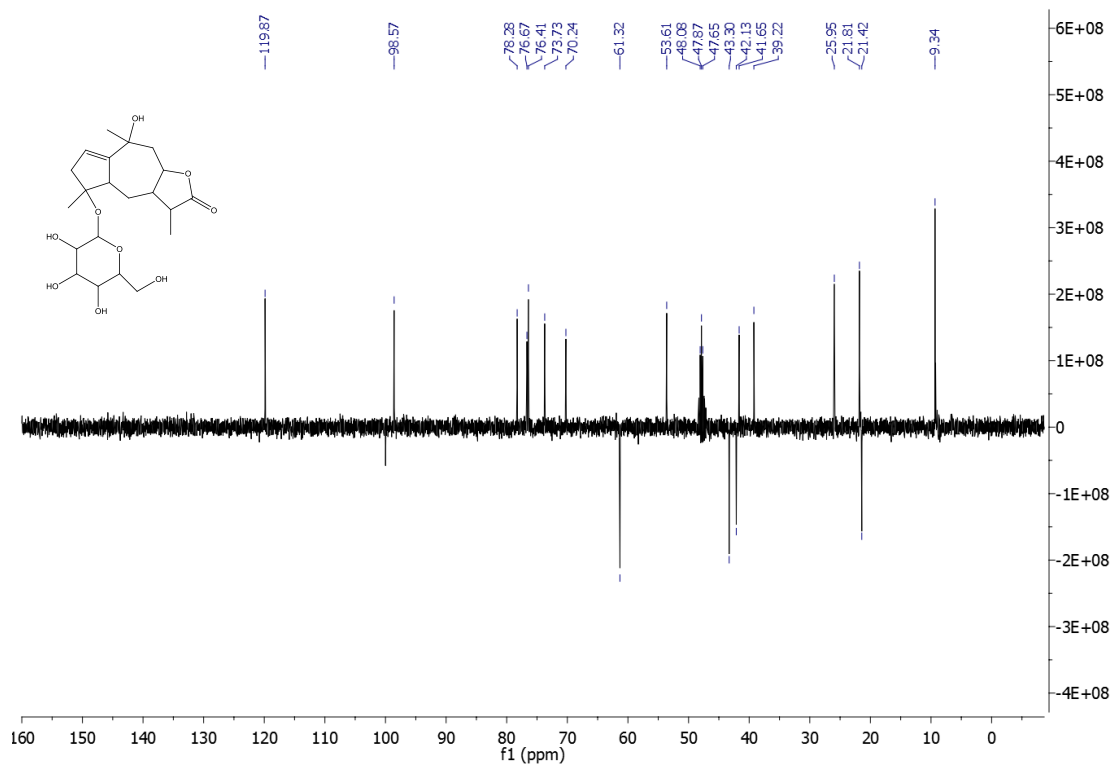
S14: $^1\text{H-NMR}$ (400 MHz, Methanol- d_4) Spectrum of Compound 3



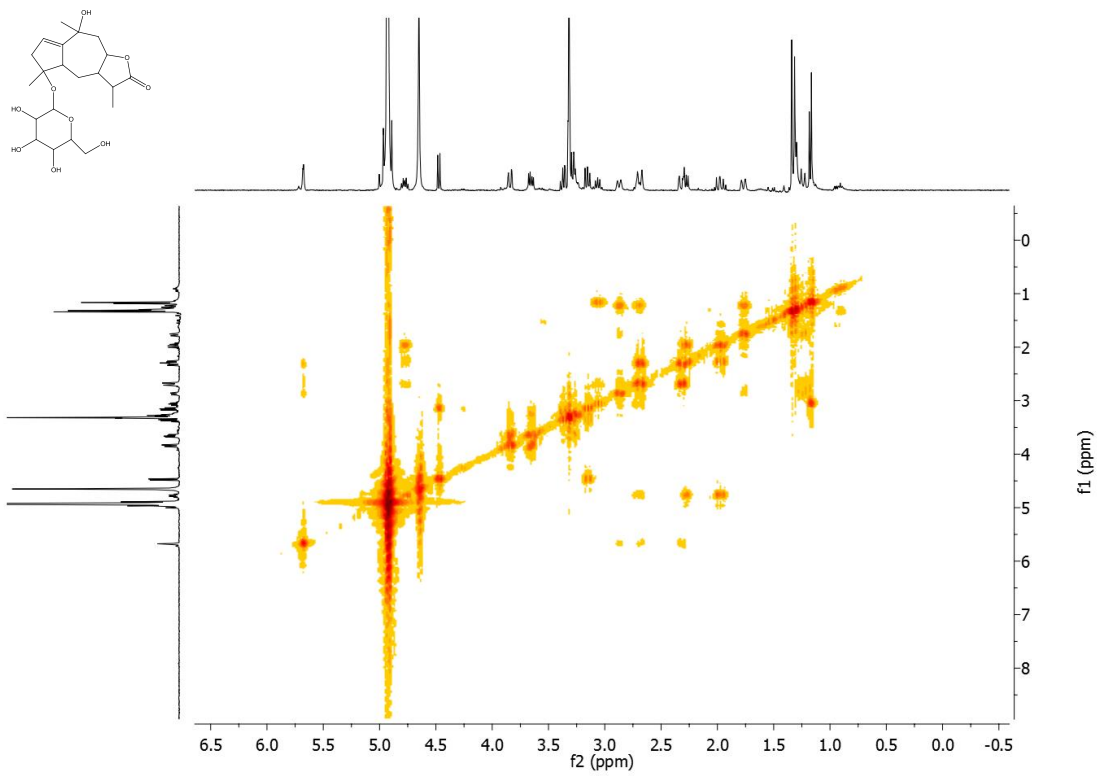
S15: ^{13}C -NMR (100 MHz, Methanol- d_4) Spectrum of Compound **3**



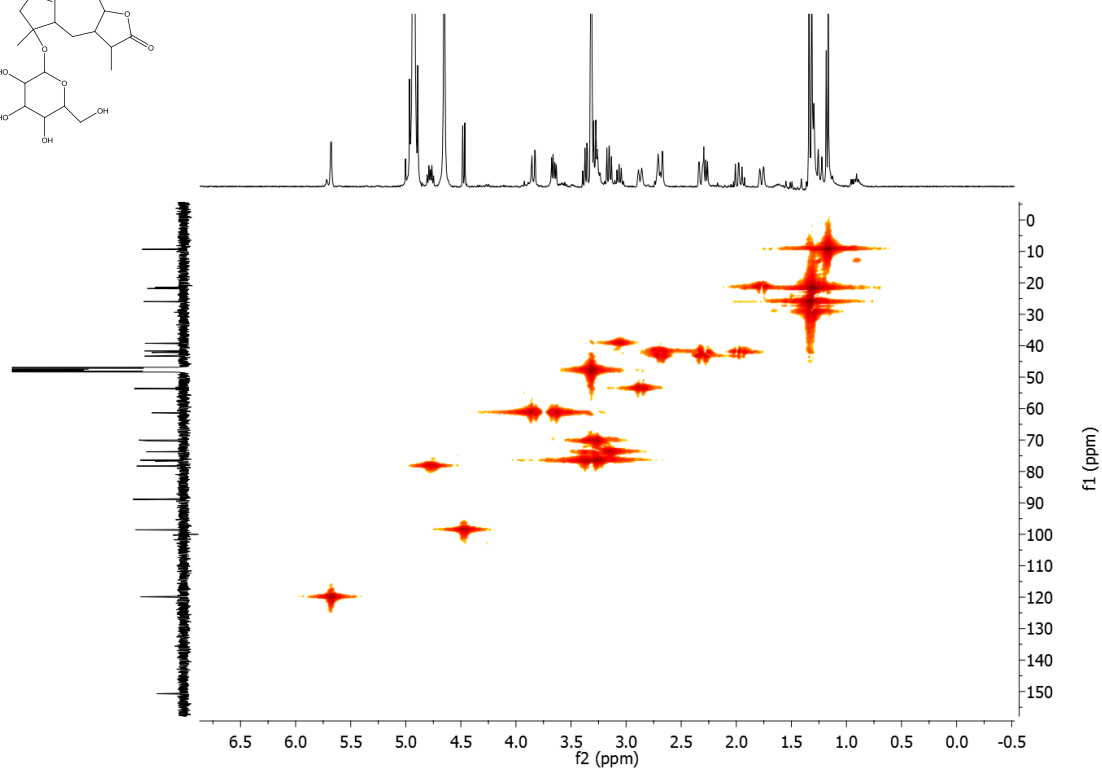
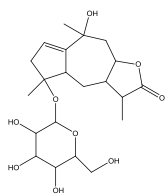
S16: DEPT 90 (100 MHz, Methanol-*d*₄) Spectrum of Compound **3**



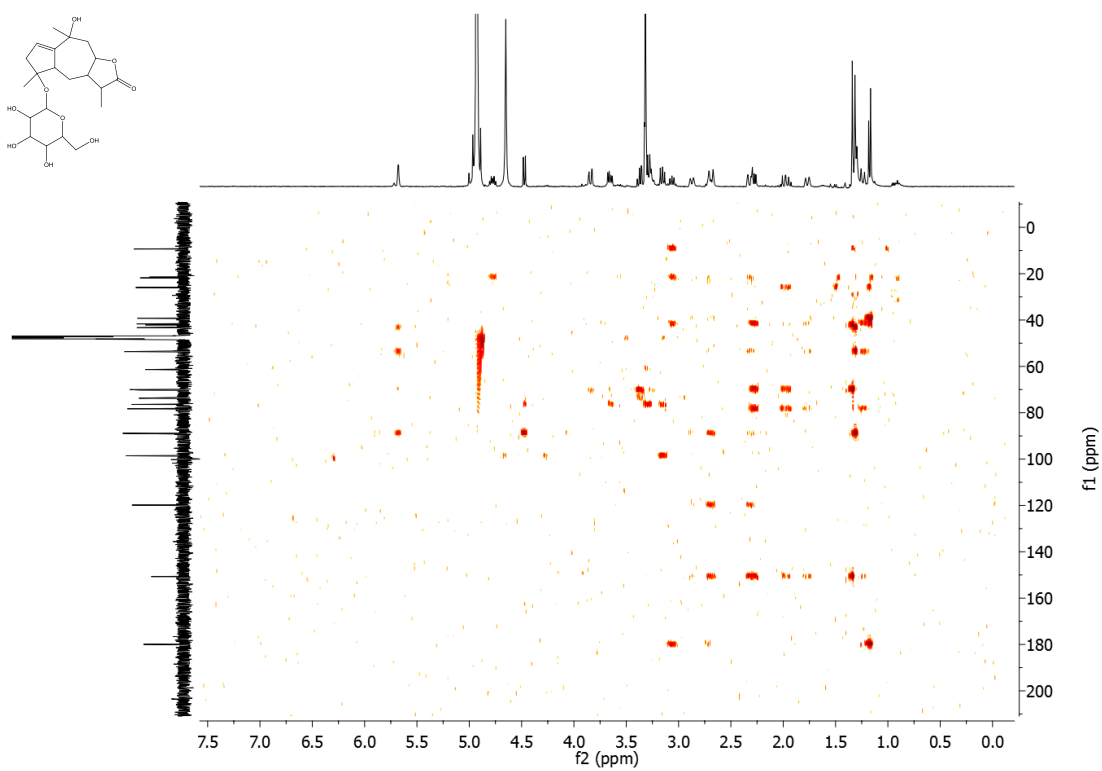
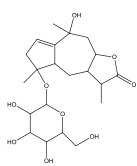
S17: DEPT 135 (100 MHz, Methanol-*d*₄) Spectrum of Compound 3



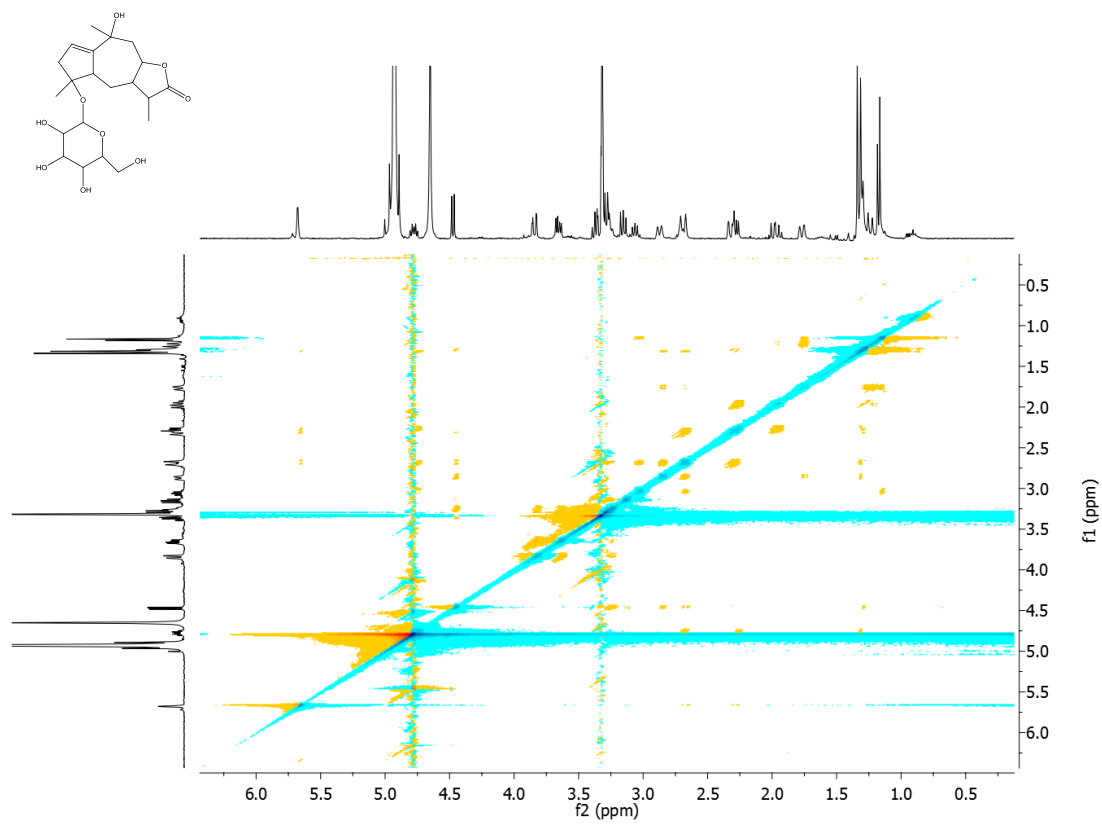
S18: COSY (400 MHz) Spectrum of Compound 3



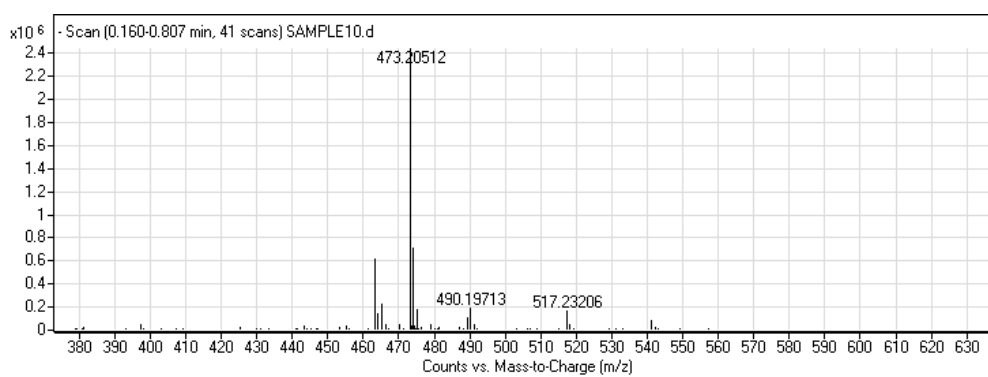
S19: HSQC (400MHz) Spectrum of Compound 3



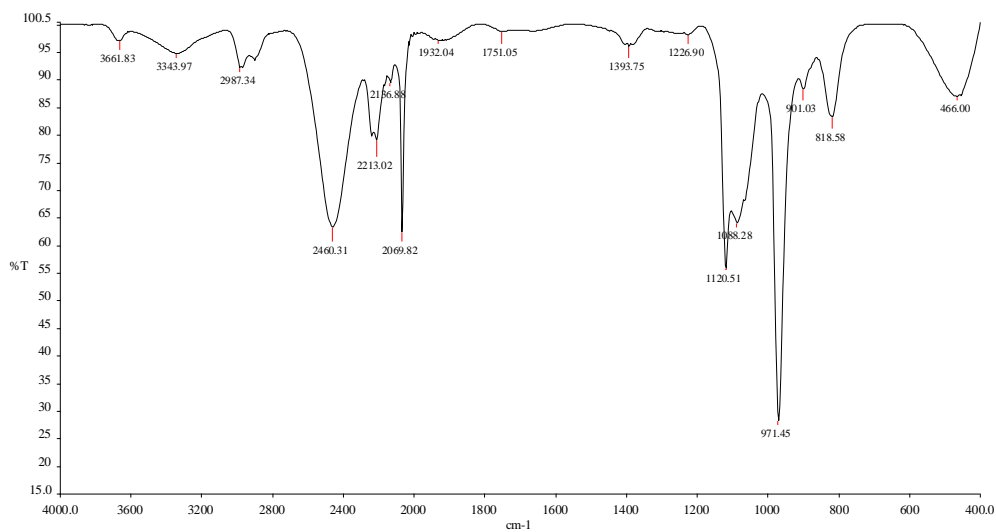
S20: HMBC (400 MHz) Spectrum of Compound 3



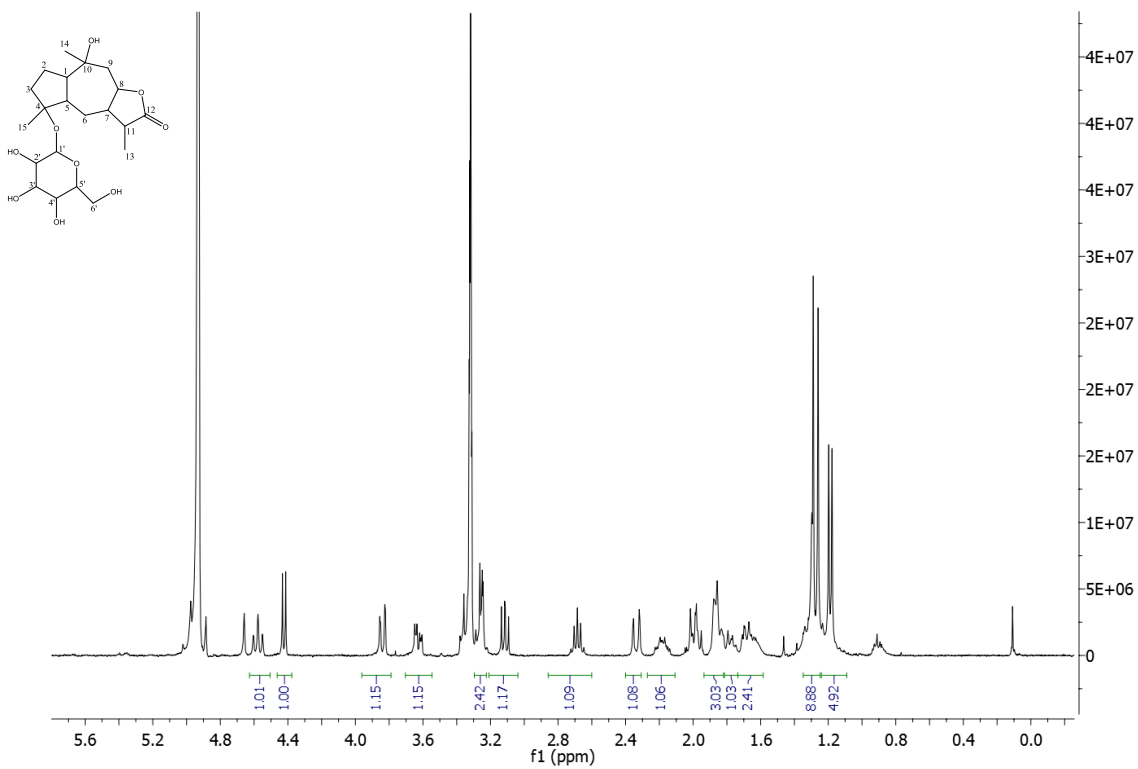
S21: NOESY (400 MHz) Spectrum of Compound 3



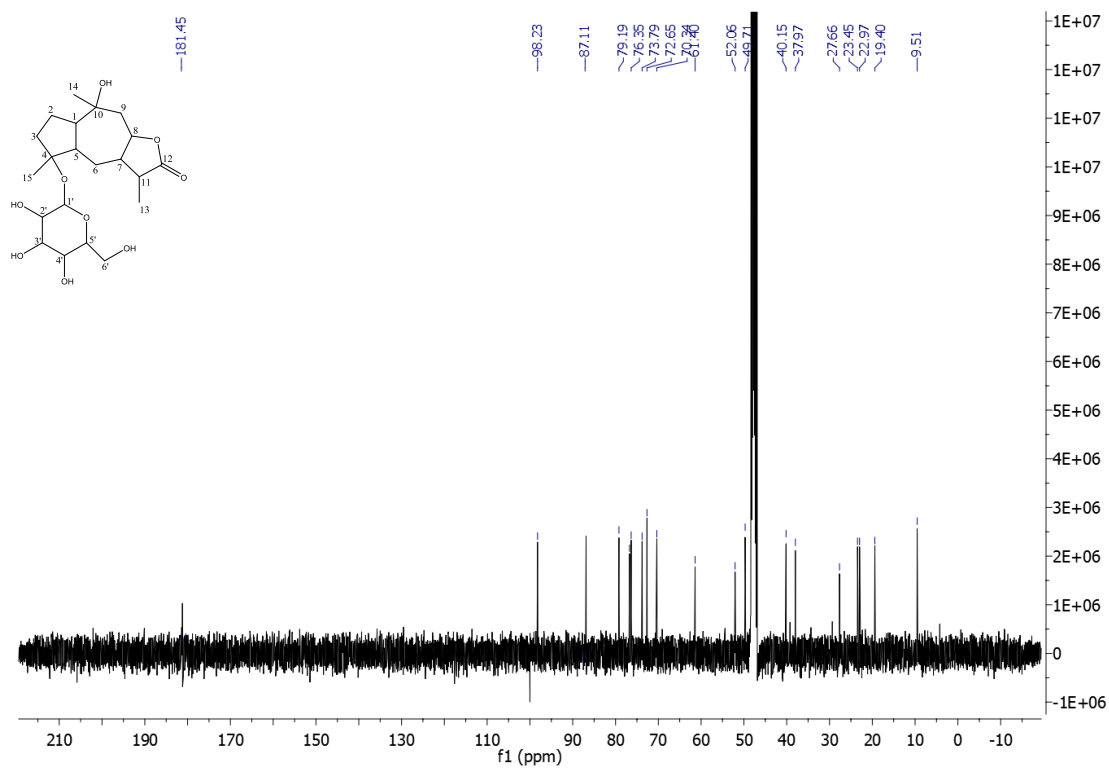
S22: HRESI-MS Spectrum of Compound 3



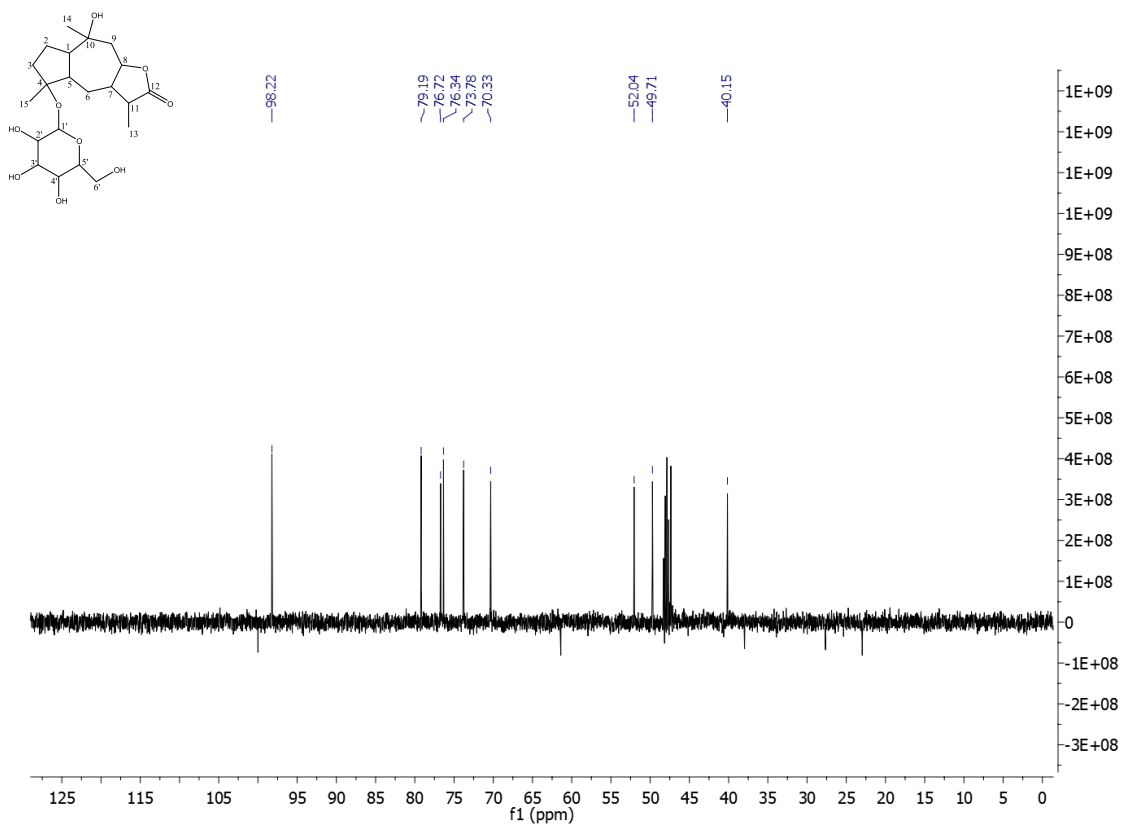
S23: IR Spectrum of Compound 3



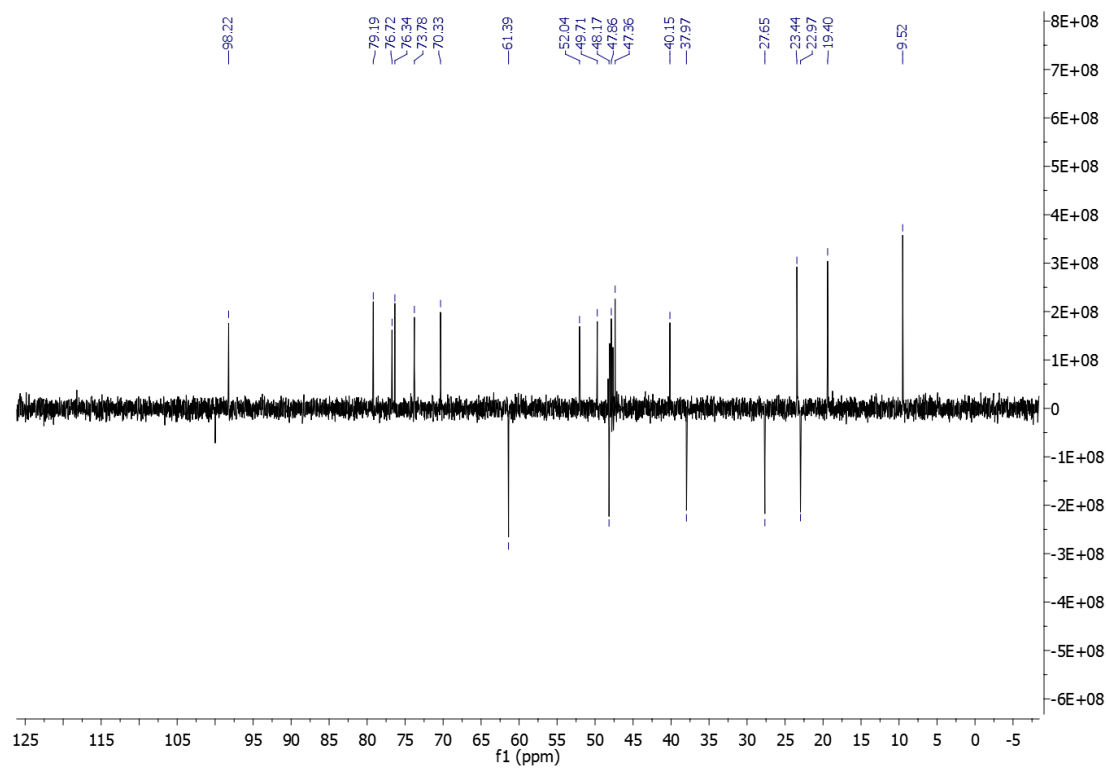
S24: ¹H-NMR (400 MHz, Methanol-*d*₄) Spectrum of Compound 4



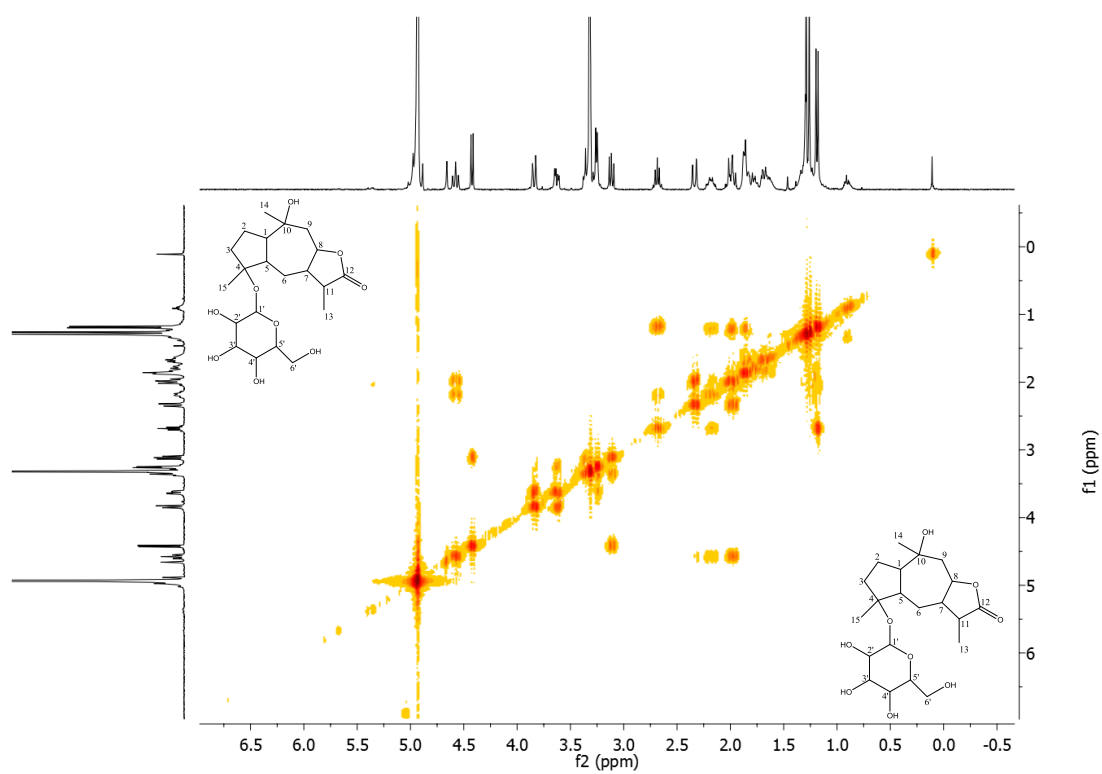
S25: ^{13}C -NMR (100 MHz, Methanol- d_4) Spectrum of Compound **4**



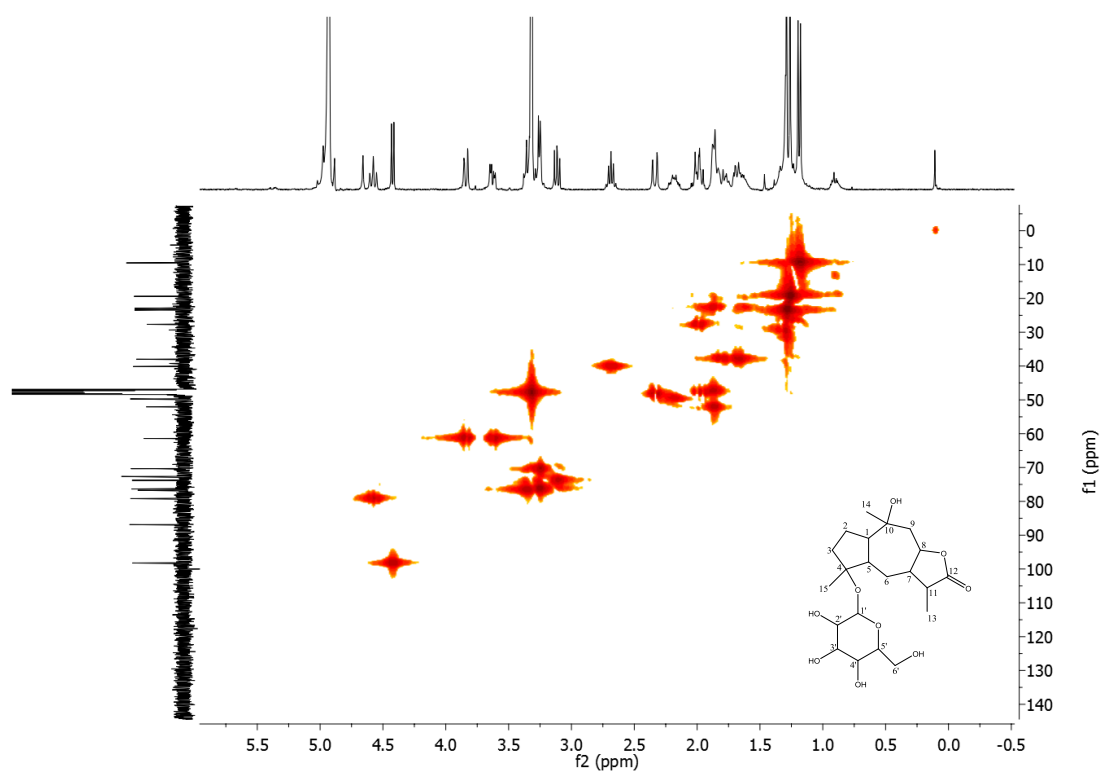
S26: DEPT 90 (100 MHz, Methanol- d_4) Spectrum of Compound **4**



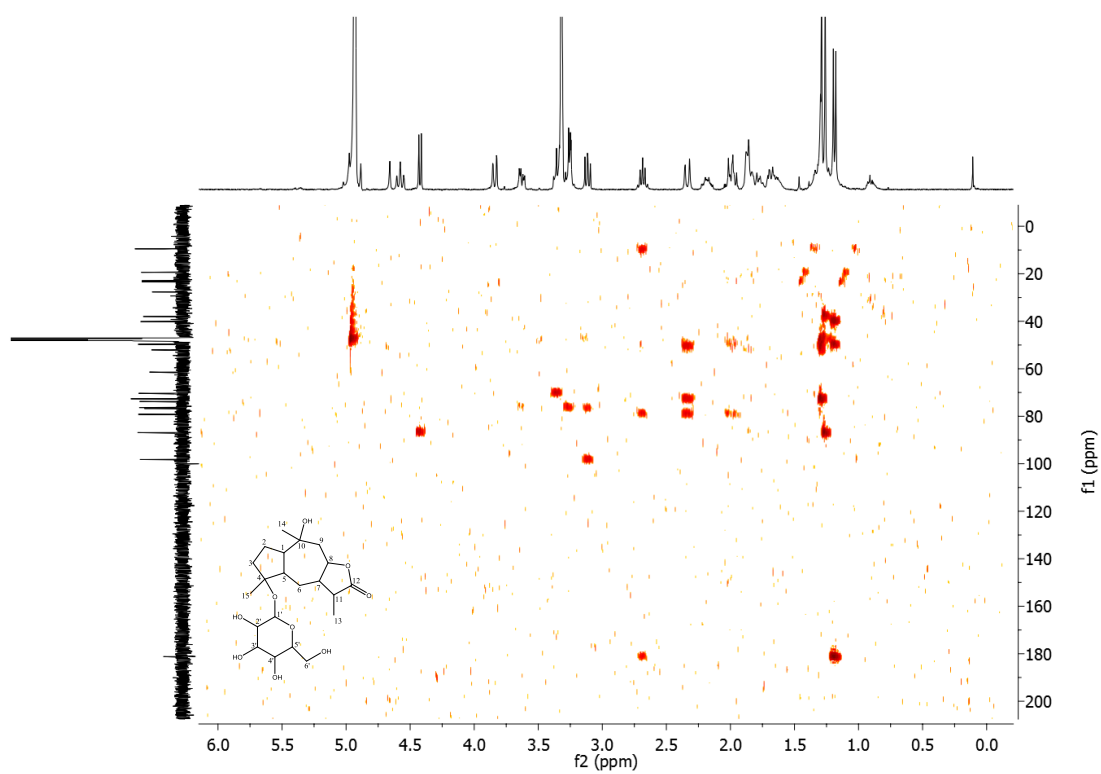
S27: DEPT 135 (100 MHz, Methanol- d_4) Spectrum of Compound 4



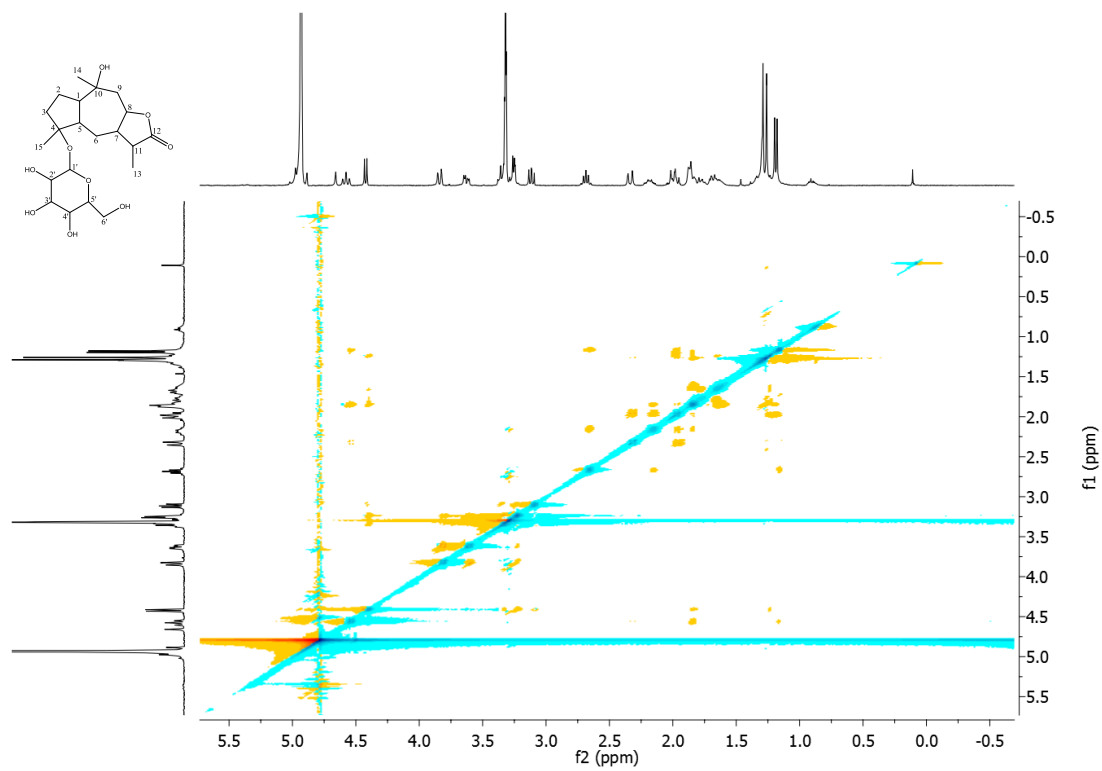
S28: COSY (400 MHz) Spectrum of Compound 4



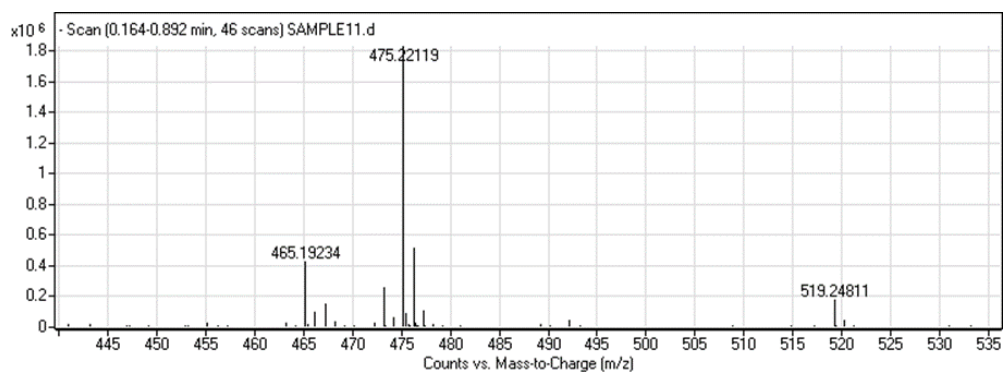
S29: HSQC (400MHz) Spectrum of Compound 4



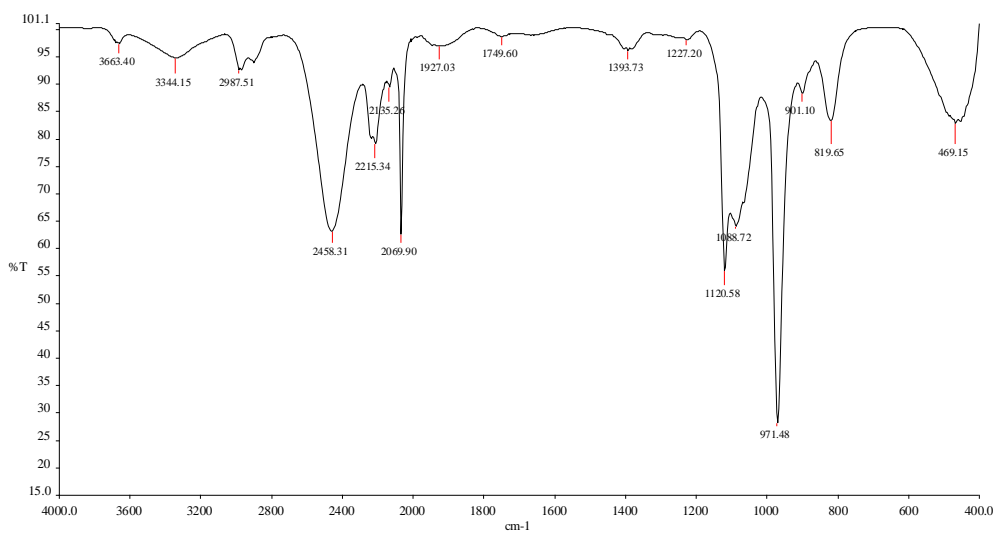
S30: HMBC (400 MHz) Spectrum of Compound 4



S31: NOESY (400 MHz) Spectrum of Compound **4**



S32: HRESI-MS Spectrum of Compound 4



S33: IR Spectrum of Compound 4