

**Silviridoside: A New Triterpene Glycoside from *Silene*  
*viridiflora* with Promising Antioxidant and Enzyme Inhibitory Potential**

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**Supplementary data**

**Figure S1:** Representative UHPLC-QToF-MS total ion chromatogram of the methanolic extract isolated from *Silene viridiflora* in negative ionization mode

**Figure S2:** UHPLC-QToF-MS spectrum of silviridoside in the negative ion mode

**Figure S3:** UHPLC-QToF-MS/MS spectrum of silviridoside in the negative ion mode

**Figure S4:** <sup>1</sup>H NMR spectrum of silviridoside

**Figure S5:** <sup>1</sup>H NMR spectrum of silviridoside – (Expanded part)

**Figure S6:** <sup>1</sup>H NMR spectrum of silviridoside - (Expanded part)

**Figure S7:** <sup>13</sup>C NMR spectrum of silviridoside

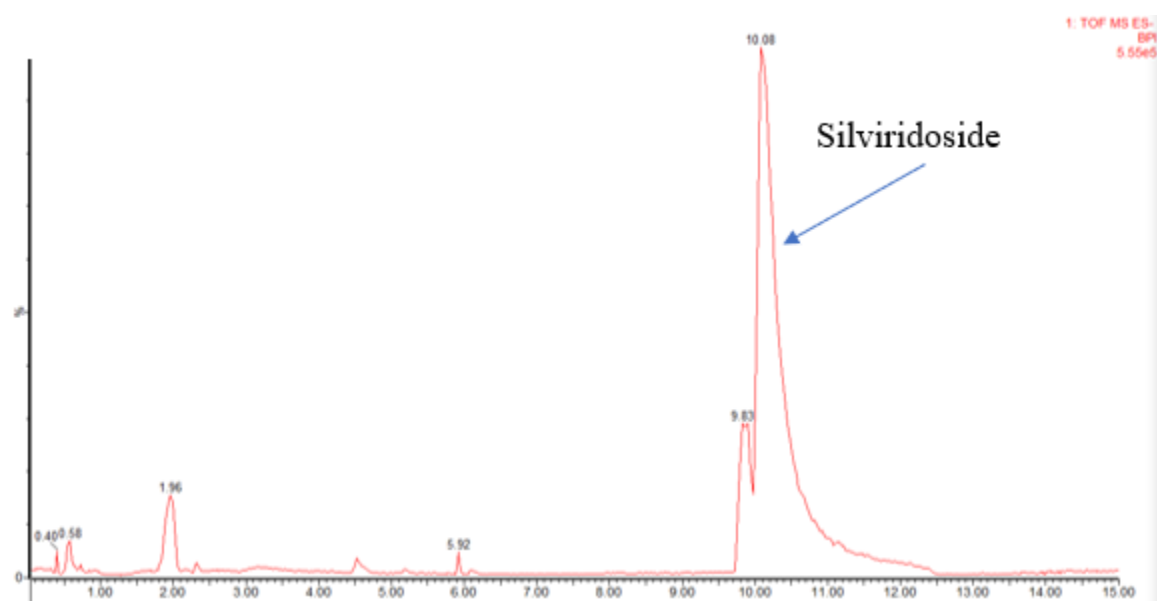
**Figure S8:** <sup>13</sup>C NMR spectrum of silviridoside - (Expanded part)

**Figure S9:** COSY spectrum of silviridoside

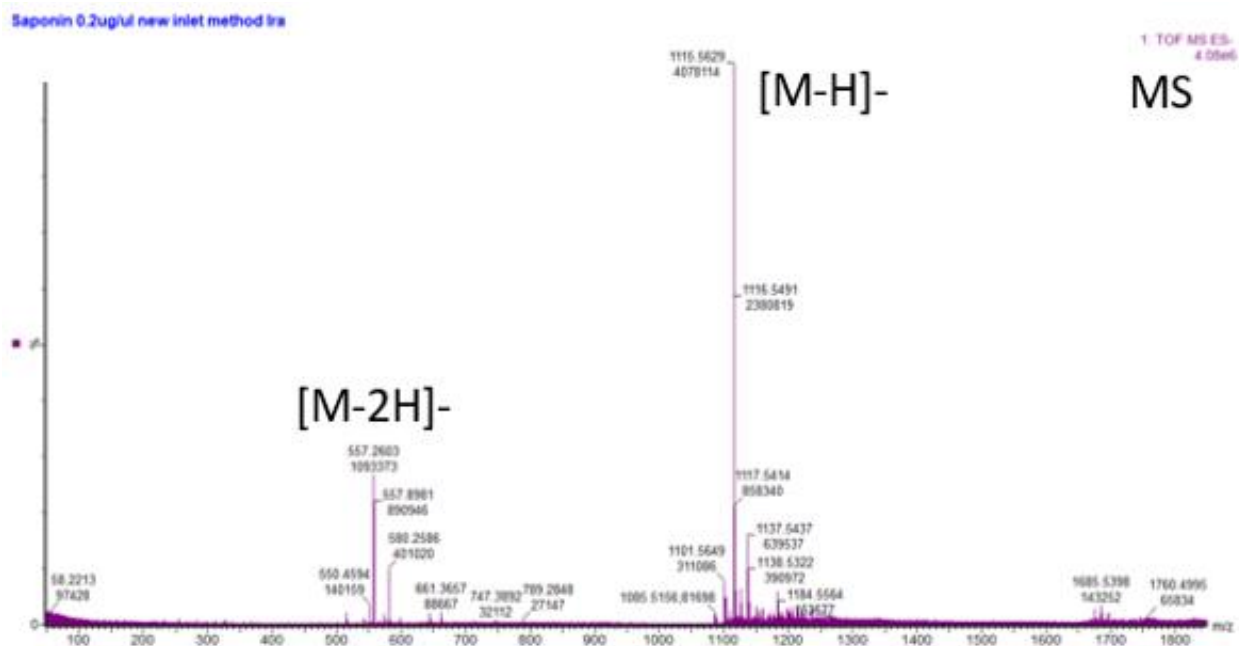
**Figure S10:** HSQC spectrum of silviridoside

**Figure S11:** HMBC spectrum of silviridoside

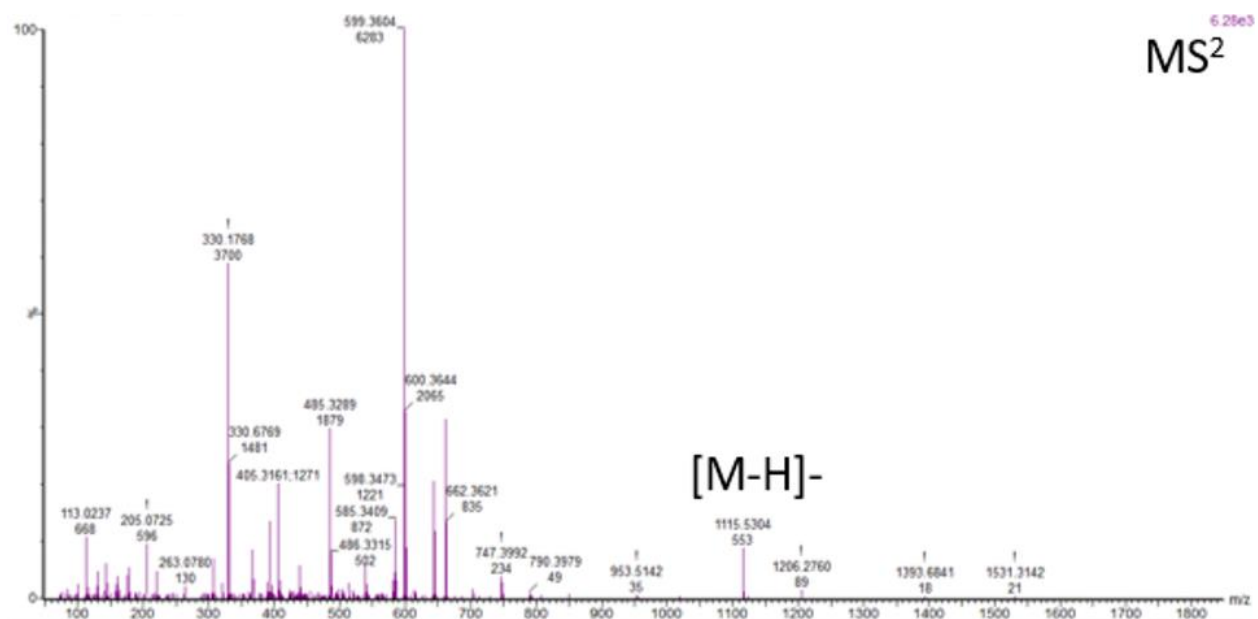
**Figure S12:** NOESY spectrum of silviridoside



**Figure S1:** Representative UHPLC-QToF-MS total ion chromatogram of the methanolic extract isolated from *Silene viridiflora* in negative ionization mode

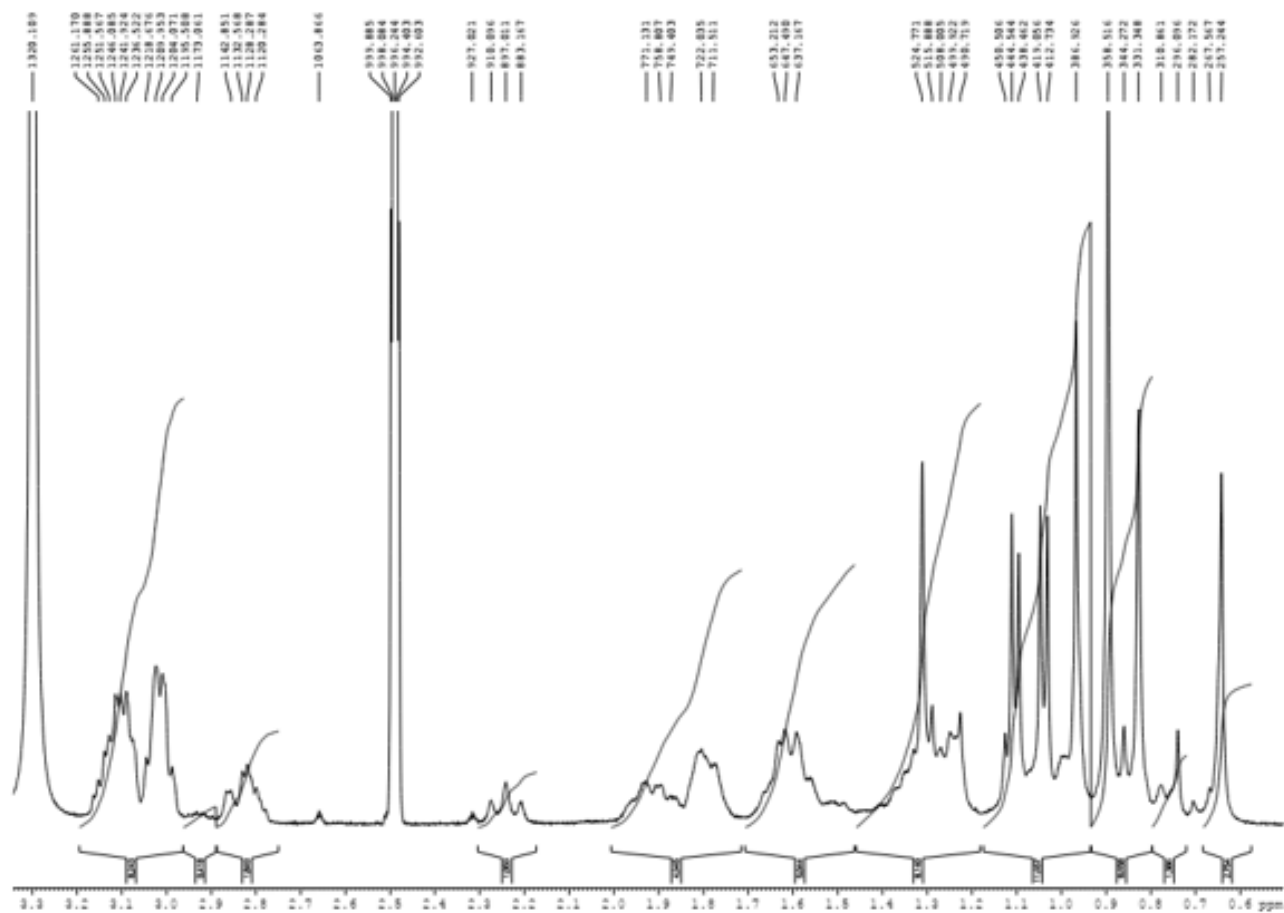


**Figure S2:** UHPLC-QToF-MS spectrum of silviridoside in the negative ion mode

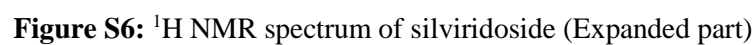


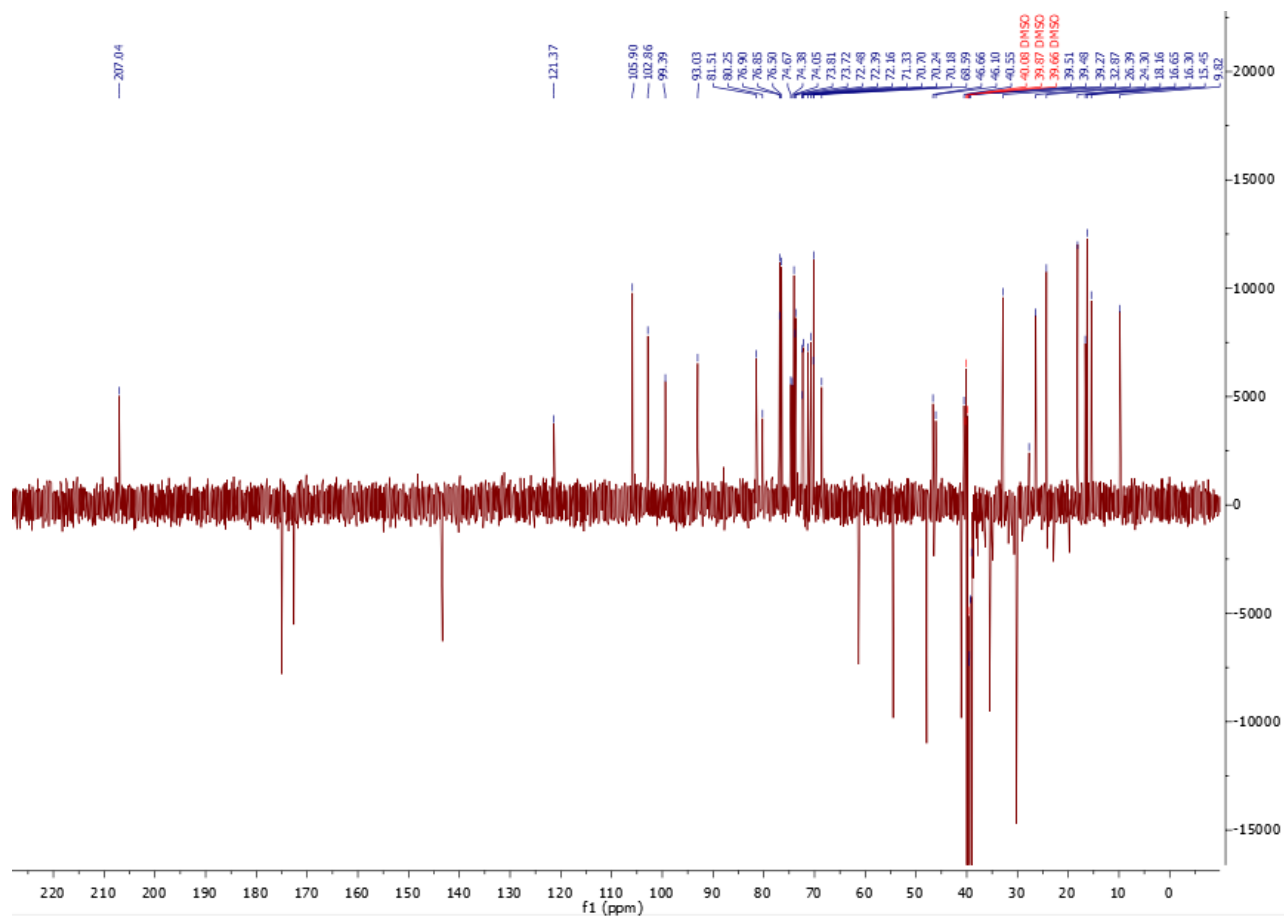
**Figure S3:** UHPLC-QToF-MS/MS spectrum of silviridoside in the negative ion mode





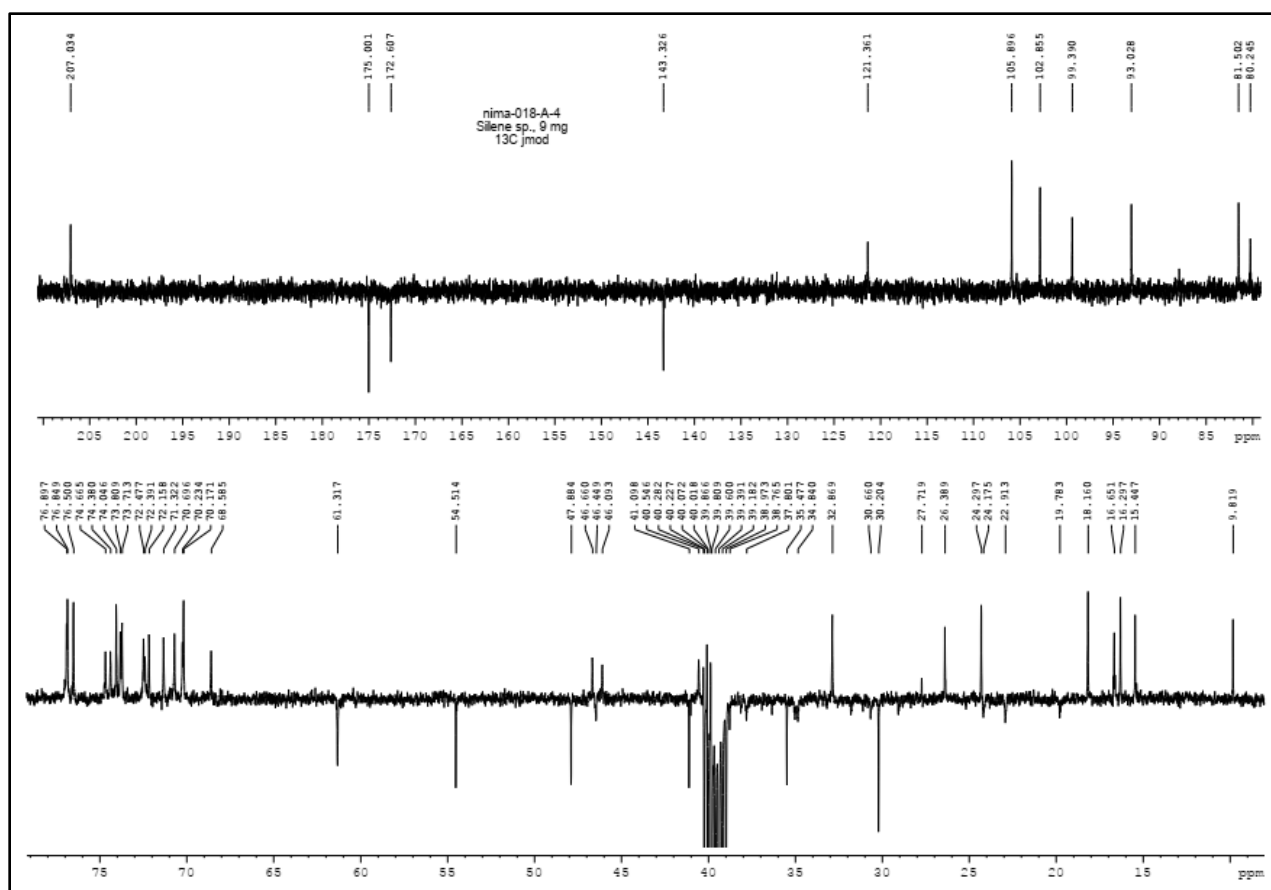
**Figure S5:**  $^1\text{H}$  NMR spectrum of silviridoside (Expanded part)



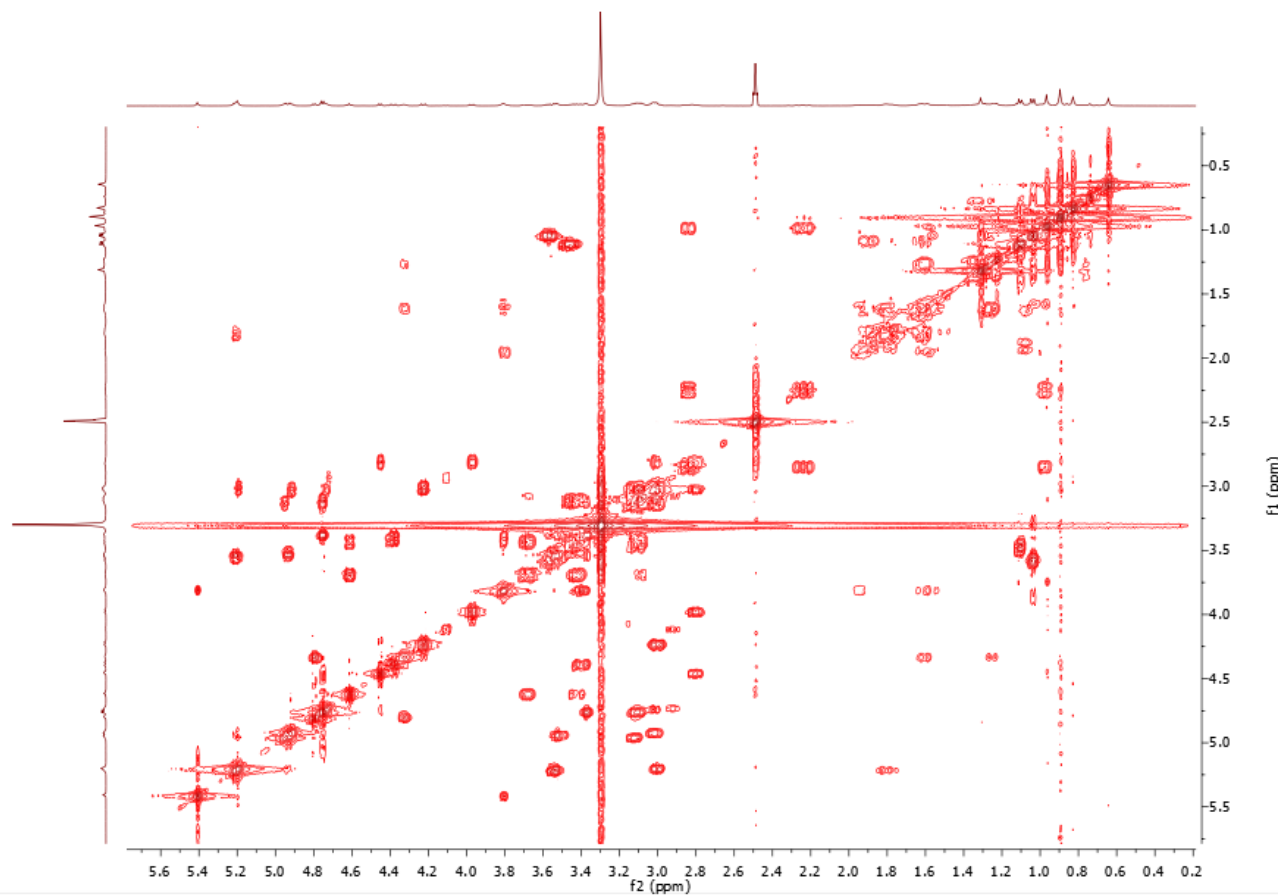


**Figure S7:**  $^{13}\text{C}$  NMR spectrum of silviridoside

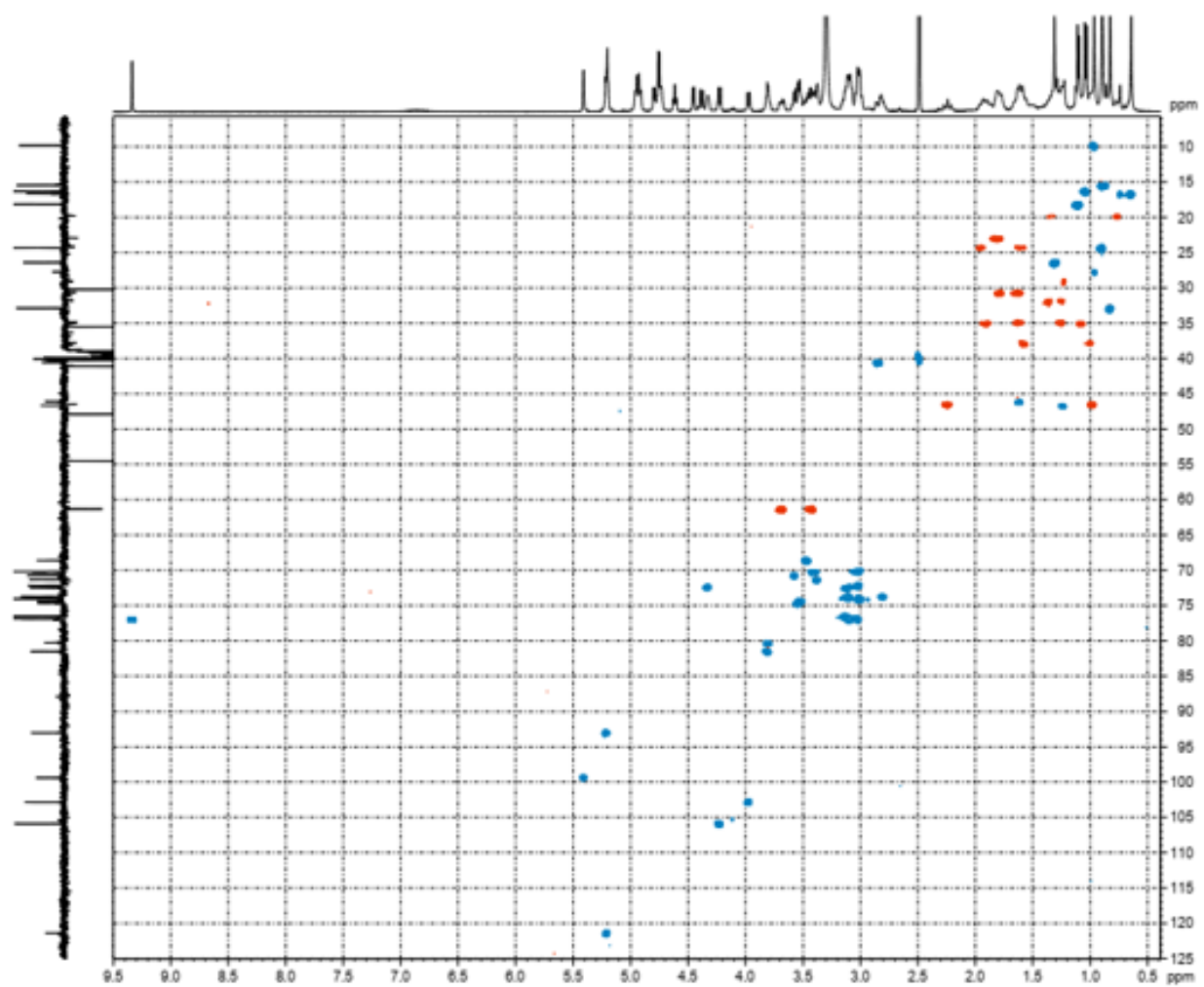




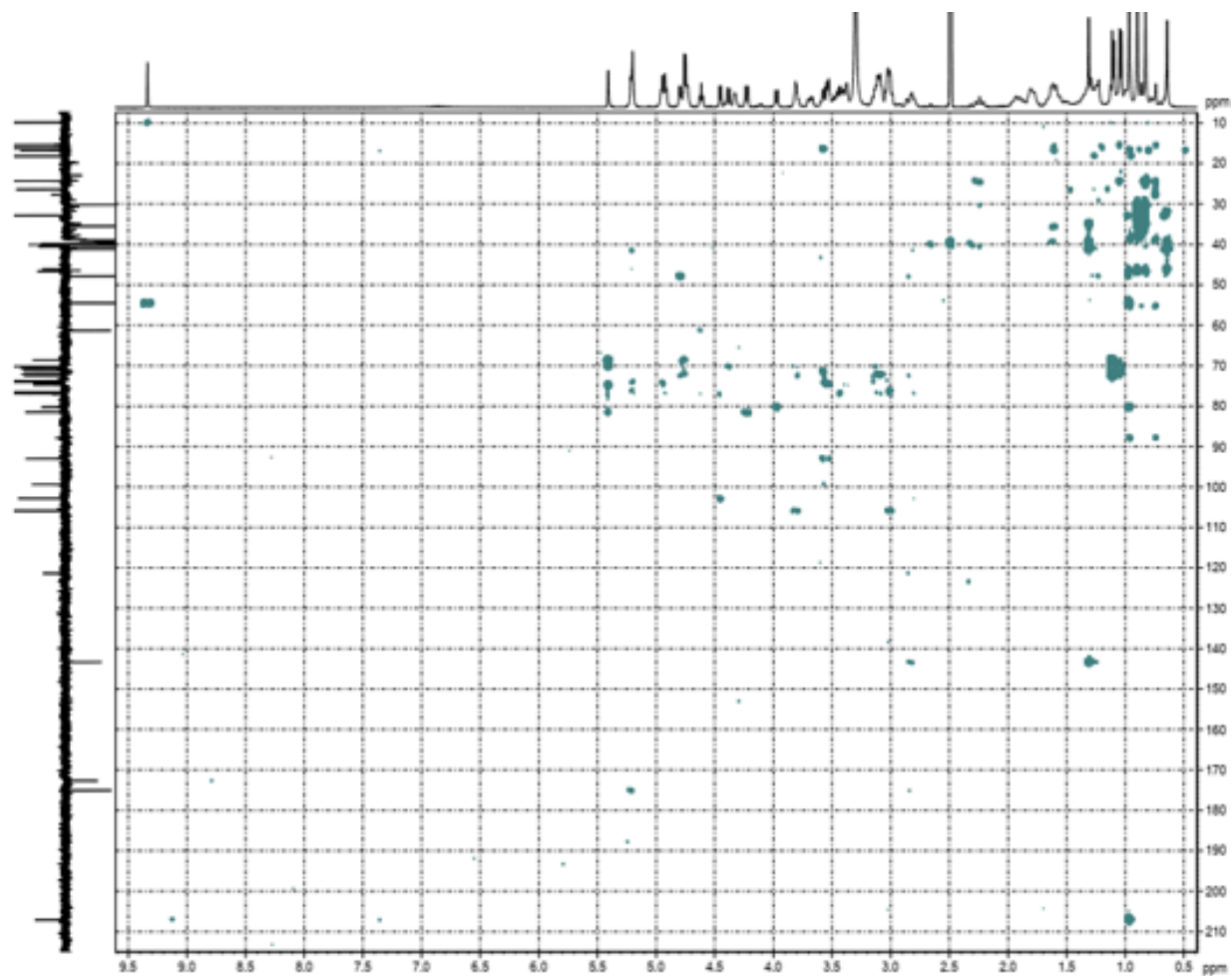
**Figure S8:**  $^{13}\text{C}$  NMR spectrum of silviridoside - (Expanded part)



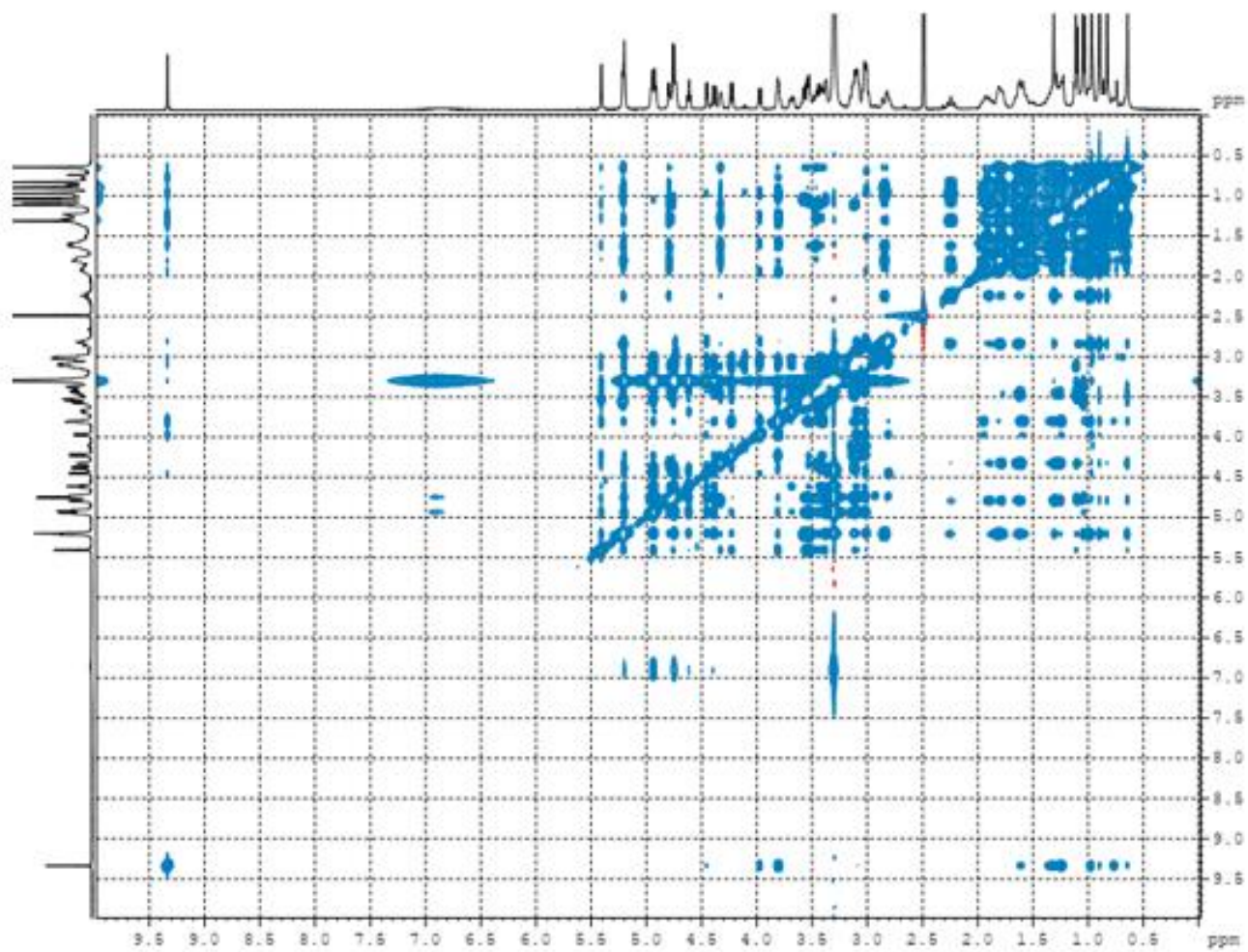
**Figure S9:** COSY spectrum of silviridoside



**Figure S10:** HSQC spectrum of silviridoside



**Figure S11:** HMBC spectrum of silviridoside



**Figure S12:** NOESY spectrum of silviridoside