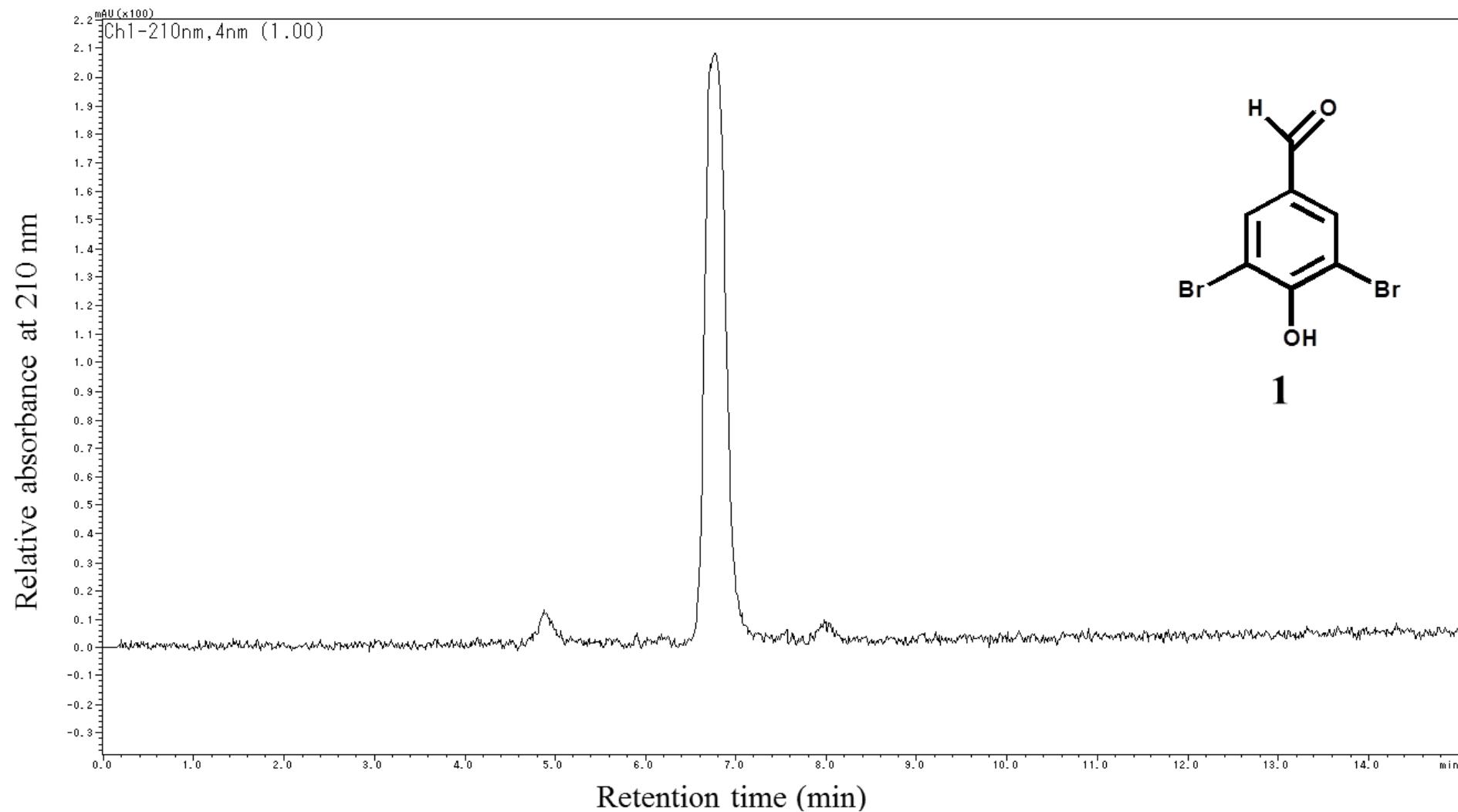


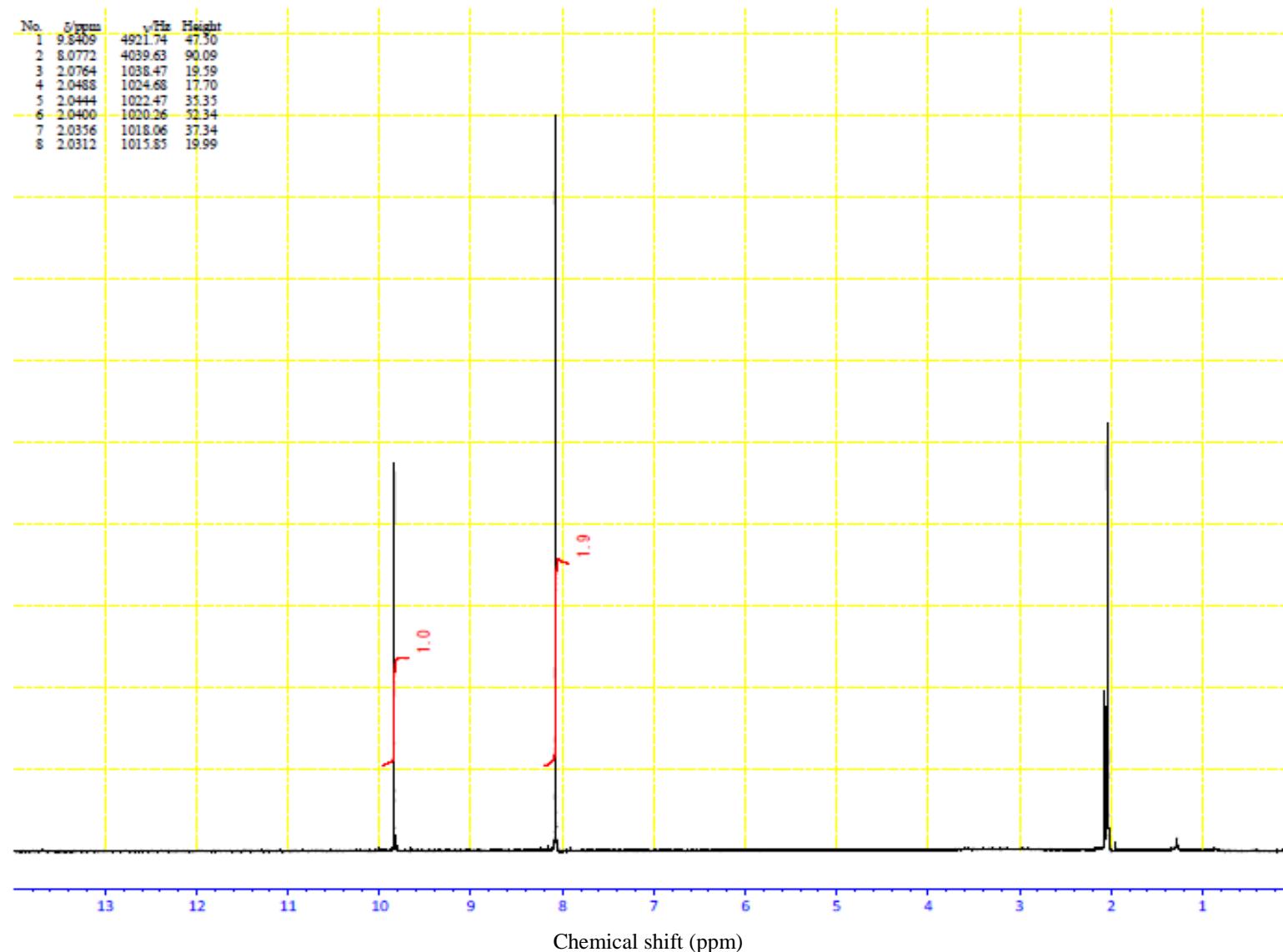
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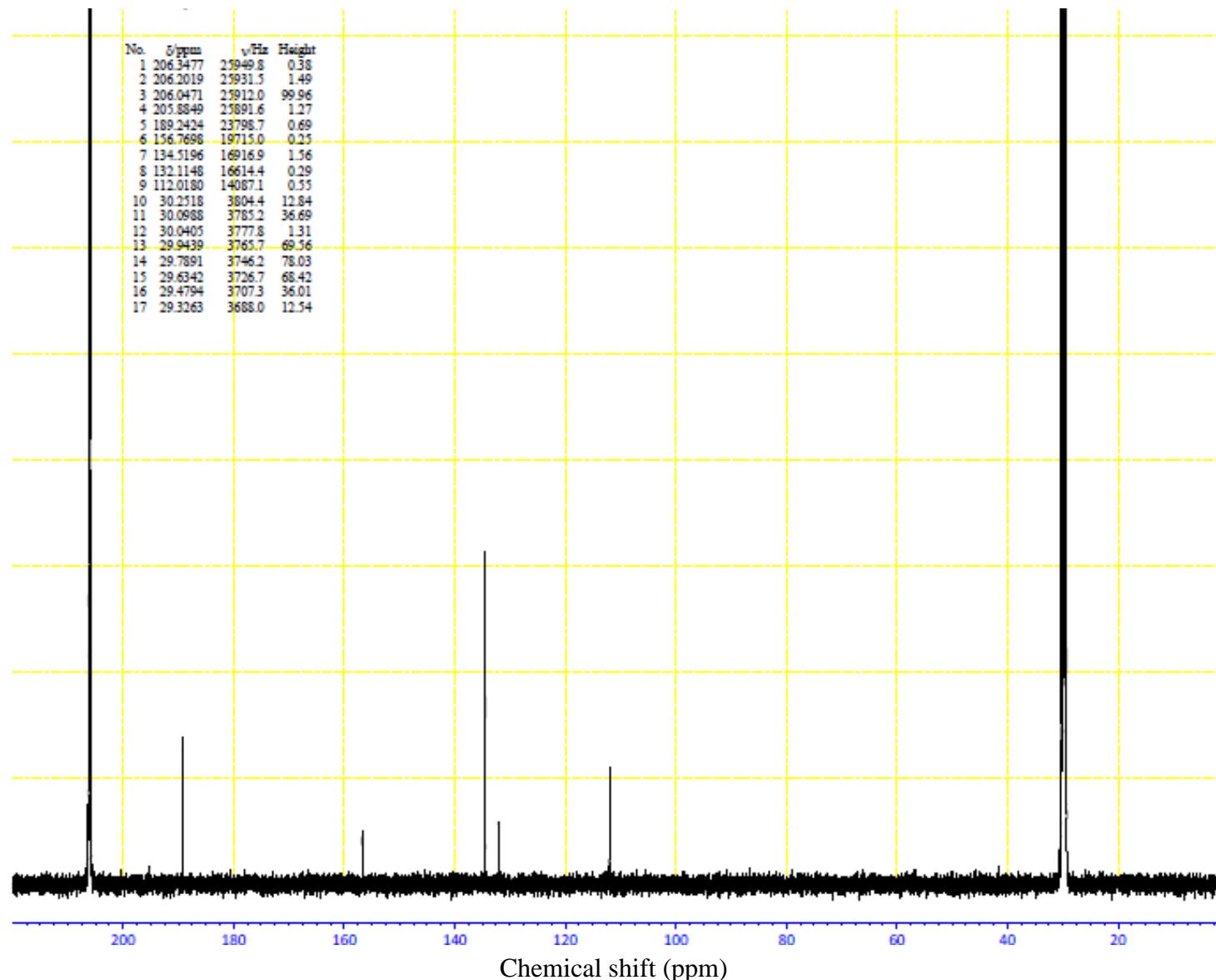
**Figure S1.** HPLC chromatogram of compound **1**.

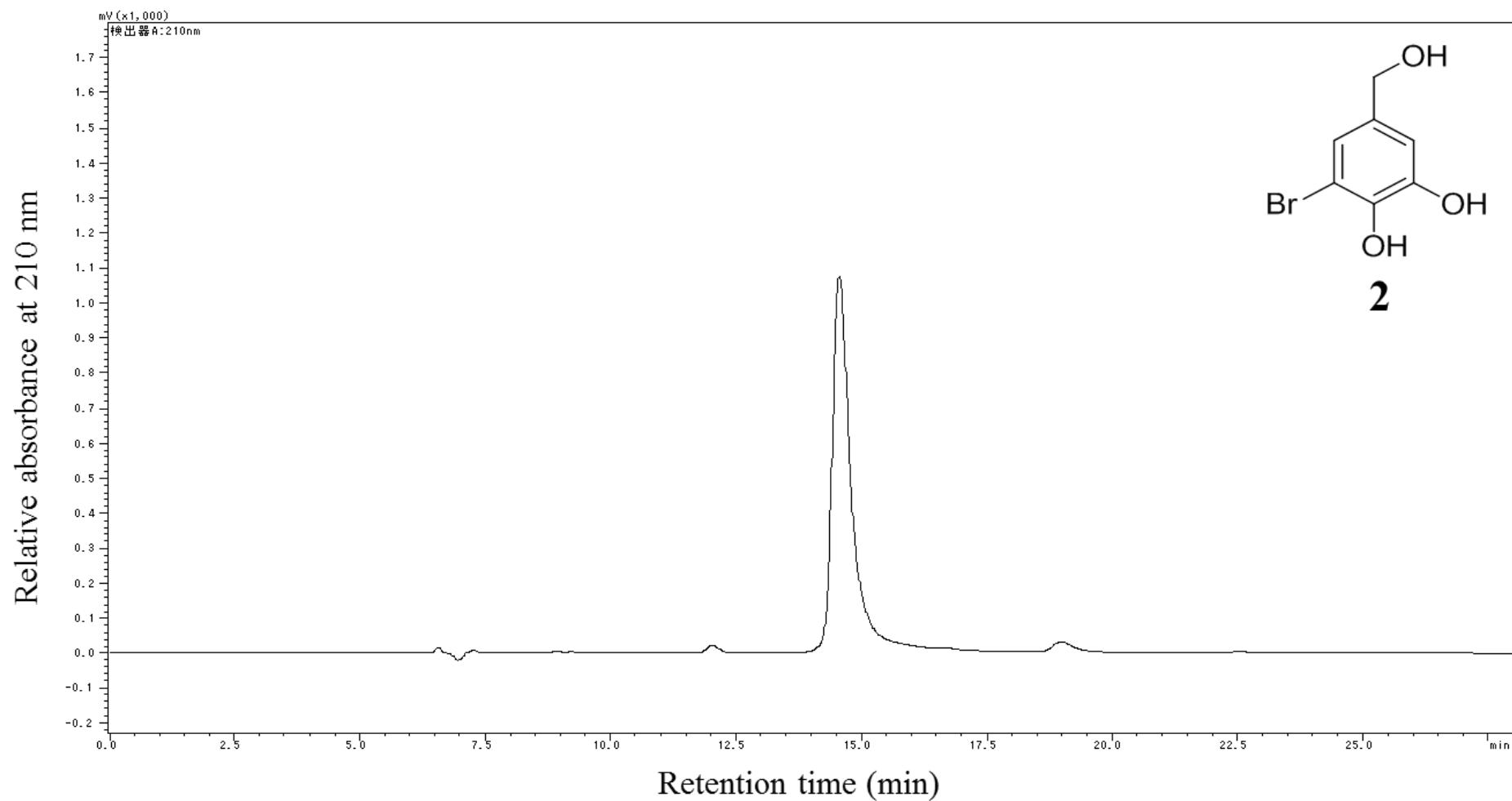
HPLC conditions: Column: ULTRON VX-SIL RP-18 ( $\phi$  4.6 × 250 mm); Mobile phase: *n*-Hexane/EtOH/AcOH = 10:1:0.05 (v/v/v); Flow rate: 0.8 mL/min; Detection: UV 210 nm.

**Figure S2.**  $^1\text{H}$ -NMR spectrum of compound **1** in acetone- $d_6$  at 500 MHz.

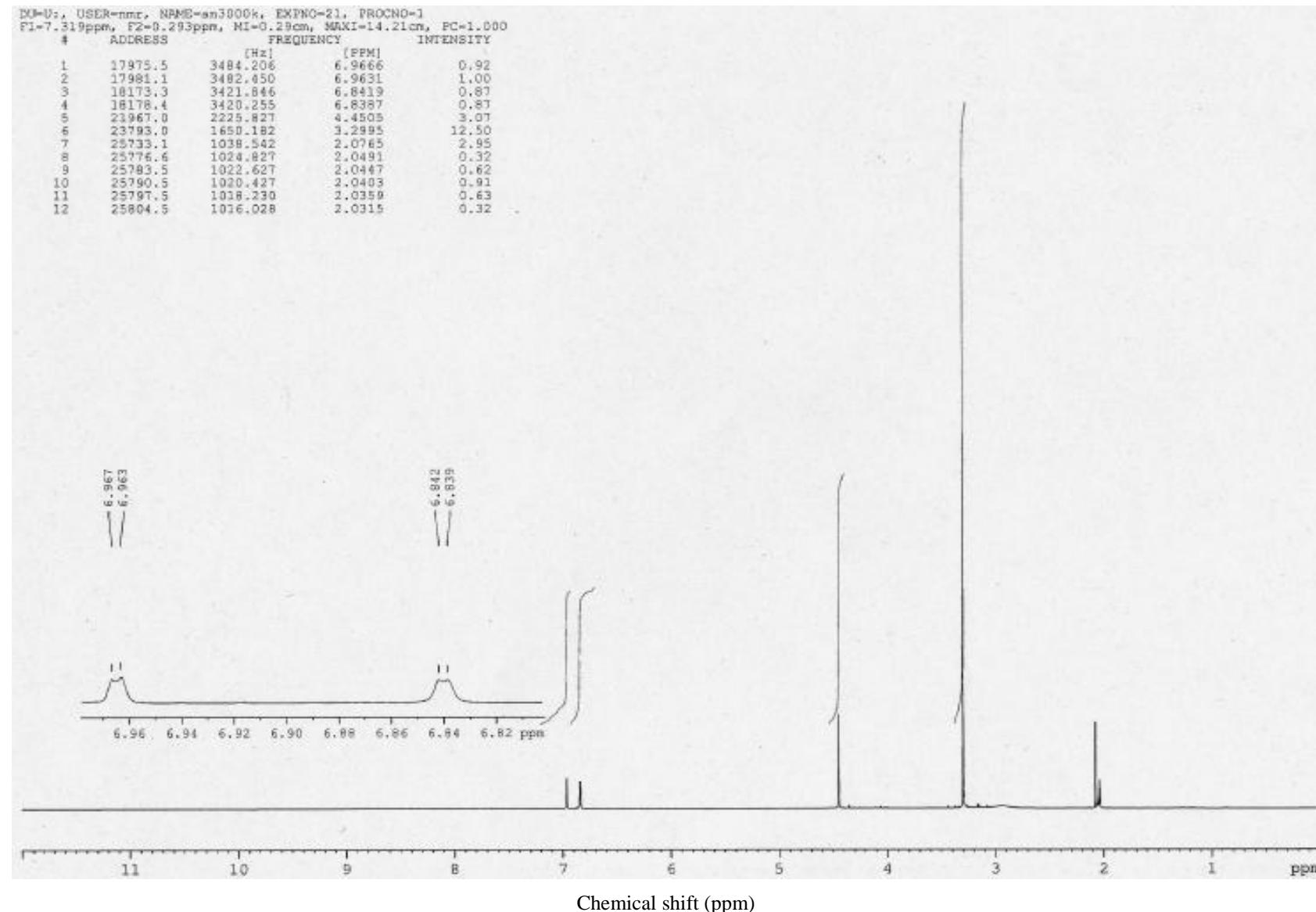


**Figure S3.**  $^{13}\text{C}$ -NMR spectrum of compound **1** in acetone- $d_6$  at 125 MHz.

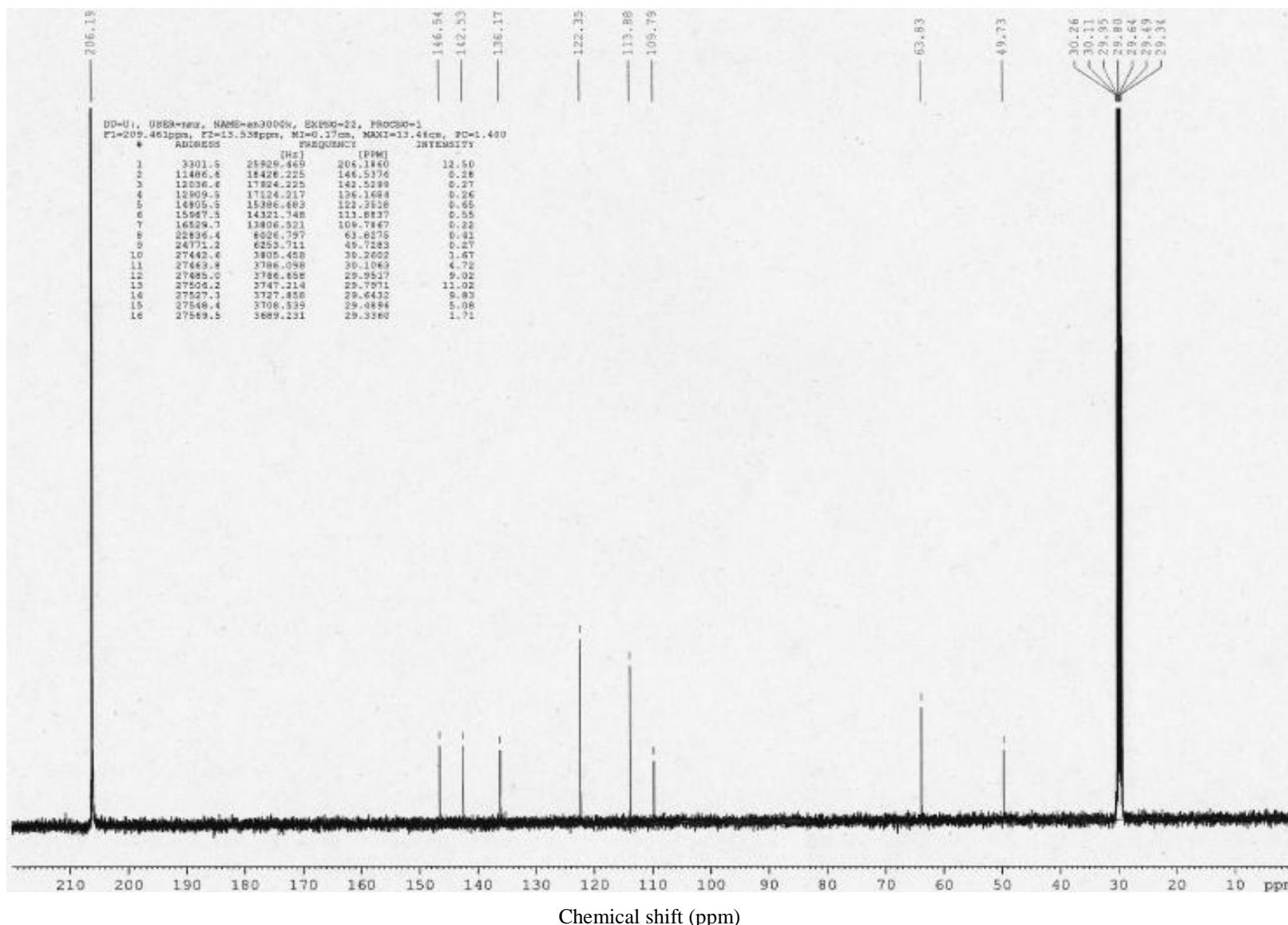


**Figure S4.** HPLC chromatogram of compound **2**.

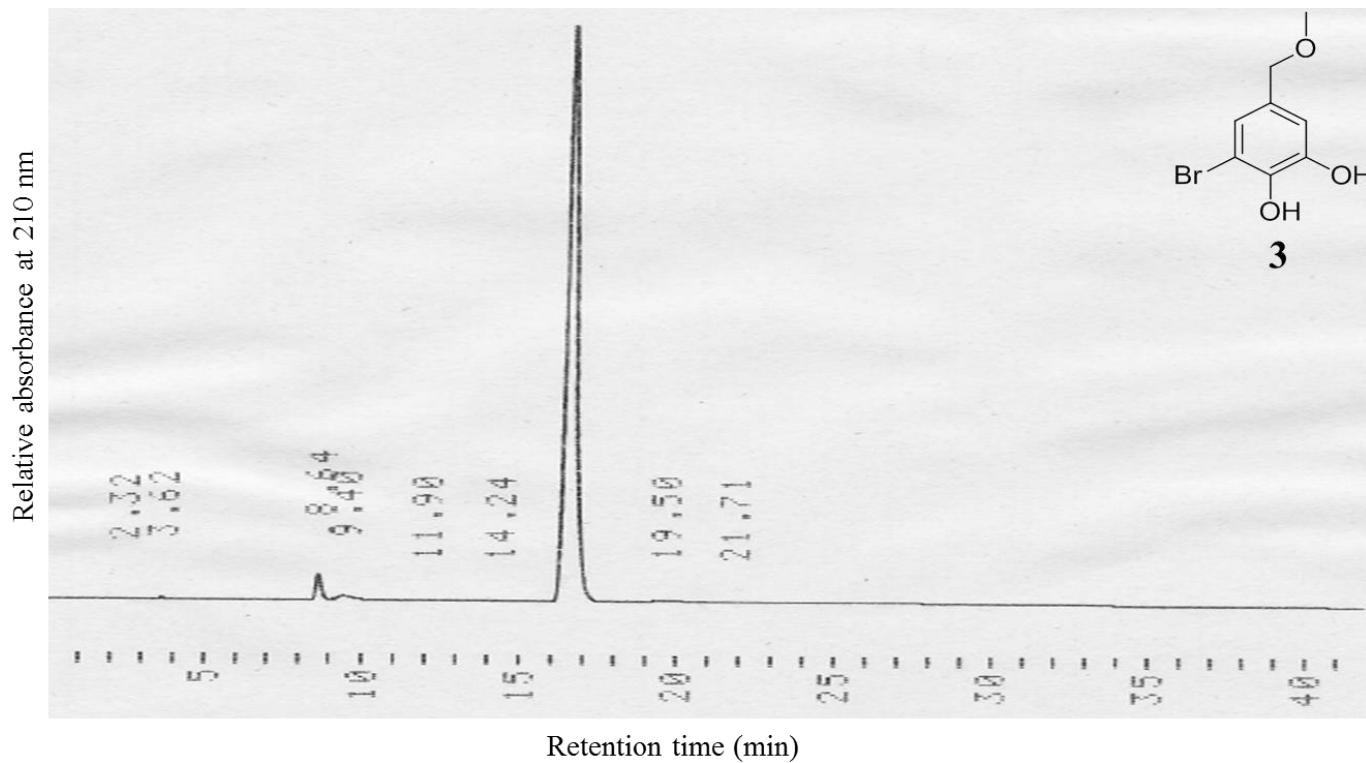
HPLC conditions: Column: Mightysil RP-18 250–4.6 (5  $\mu$ m); Mobile phase: 20% aqueous CH<sub>3</sub>CN; Flow rate: 0.5 mL/min; Detection: UV 210 nm.

**Figure S5.**  $^1\text{H}$ -NMR spectrum of **2** in acetone- $d_6$  at 500 MHz.

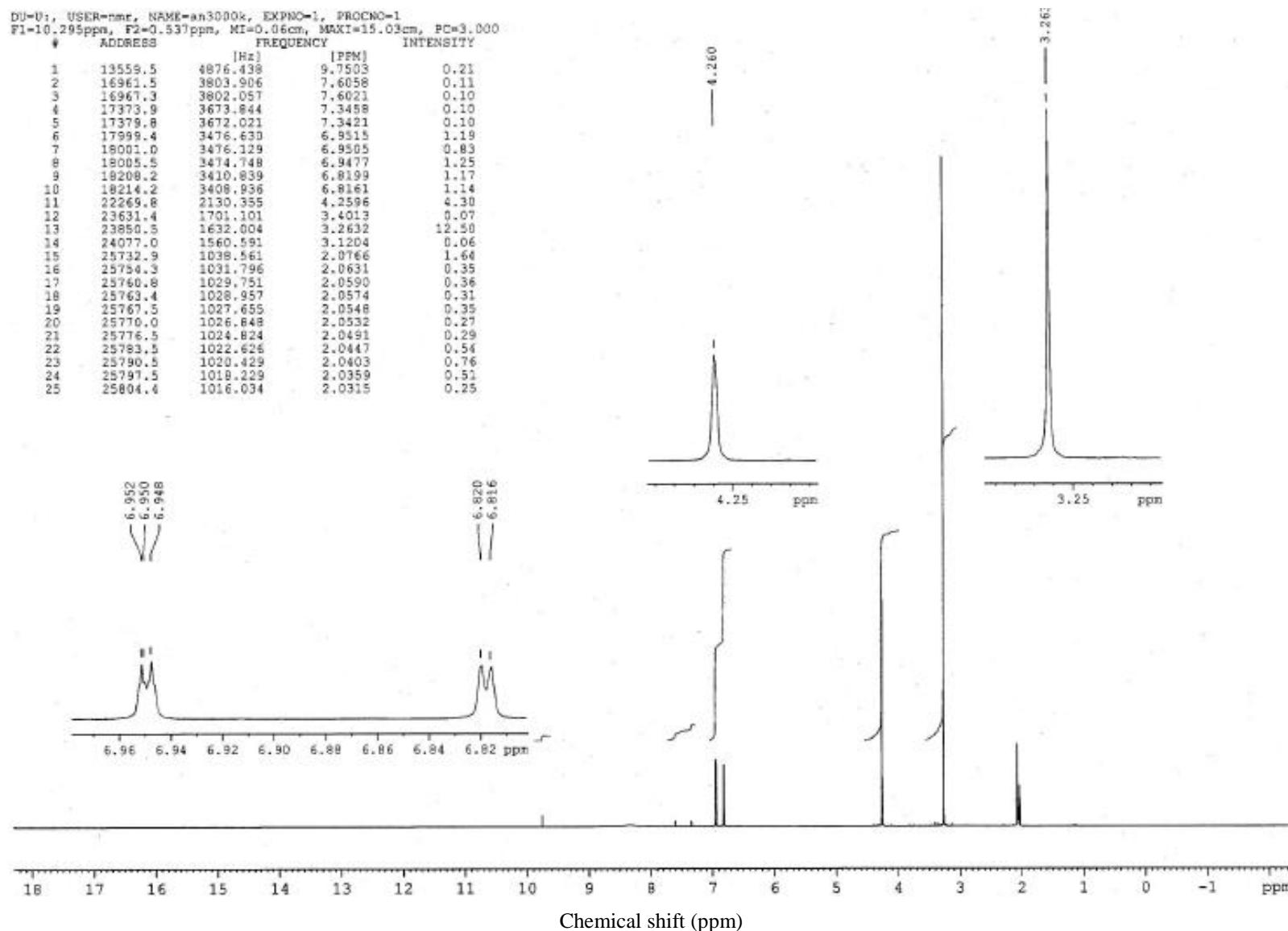
**Figure S6.**  $^{13}\text{C}$ -NMR spectrum of **2** in acetone- $d_6$  at 125 MHz.



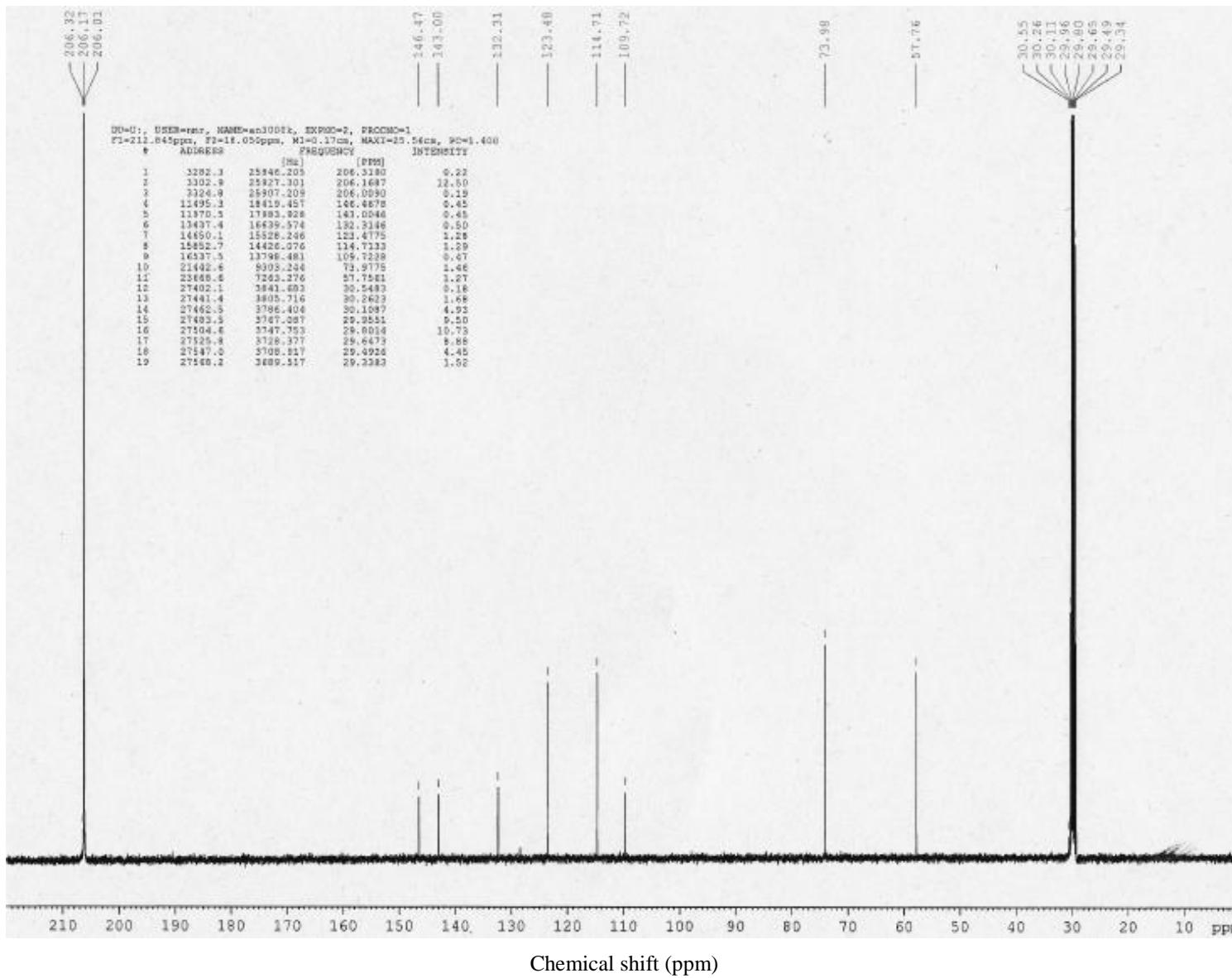
**Figure S7.** HPLC chromatogram of **3**.

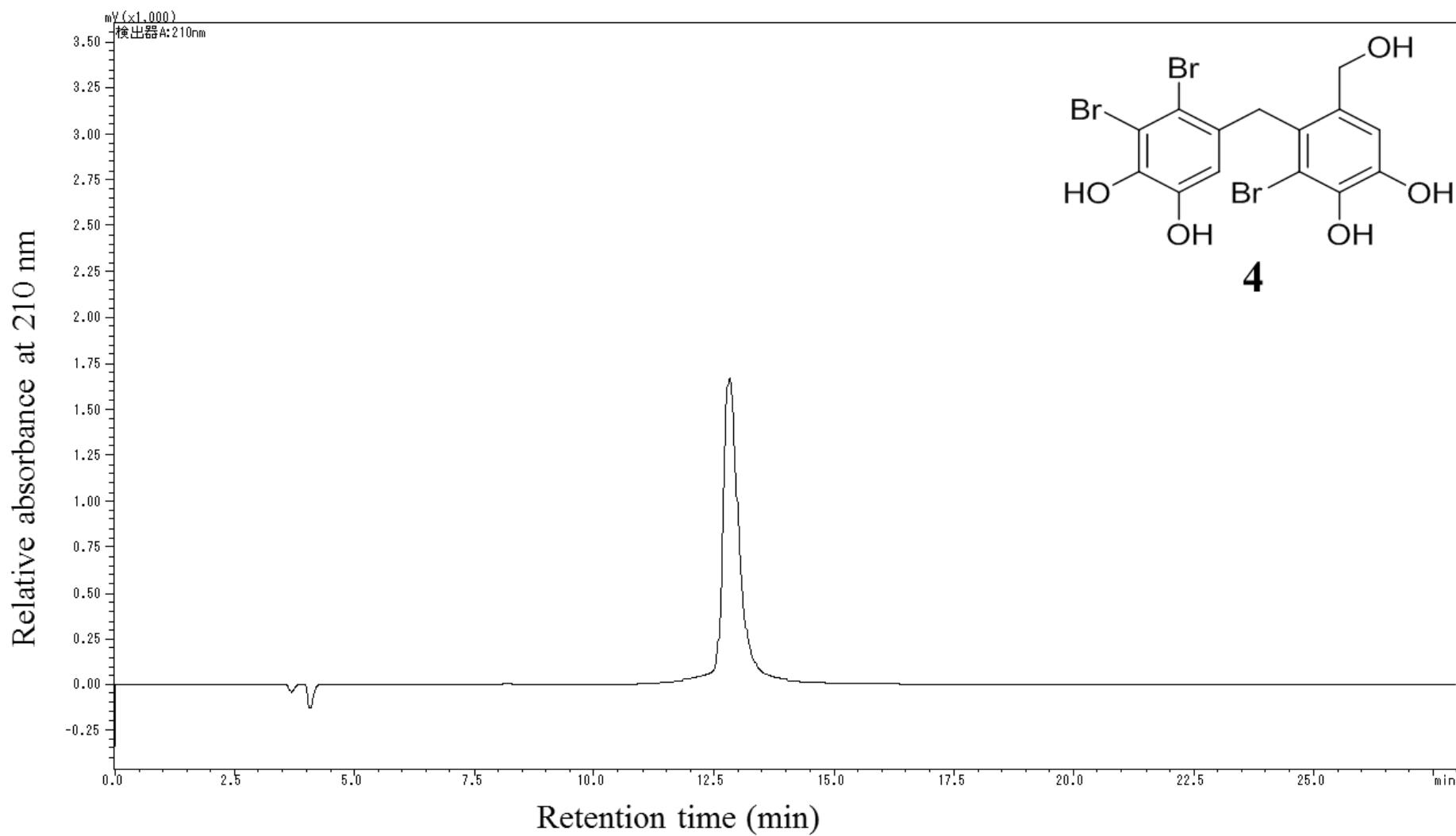


HPLC conditions: Column: Mightysil RP-18 250–4.6 (5 µm); Mobile phase: 40% aqueous MeOH; Flow rate: 0.8 mL/min; Detection: UV 210 nm.

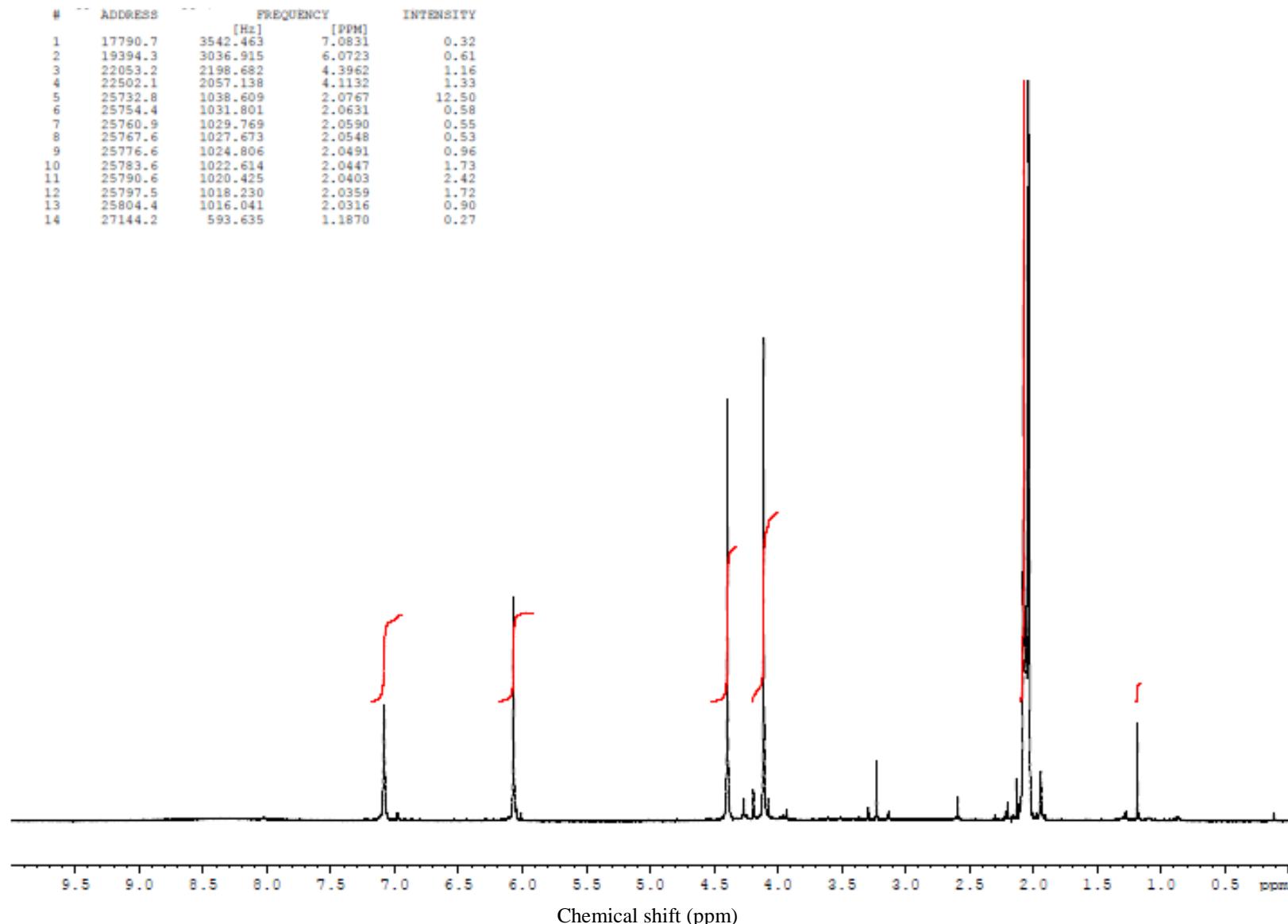
Figure S8.  $^1\text{H}$ -NMR spectrum of **3** in acetone- $d_6$  at 500 MHz.

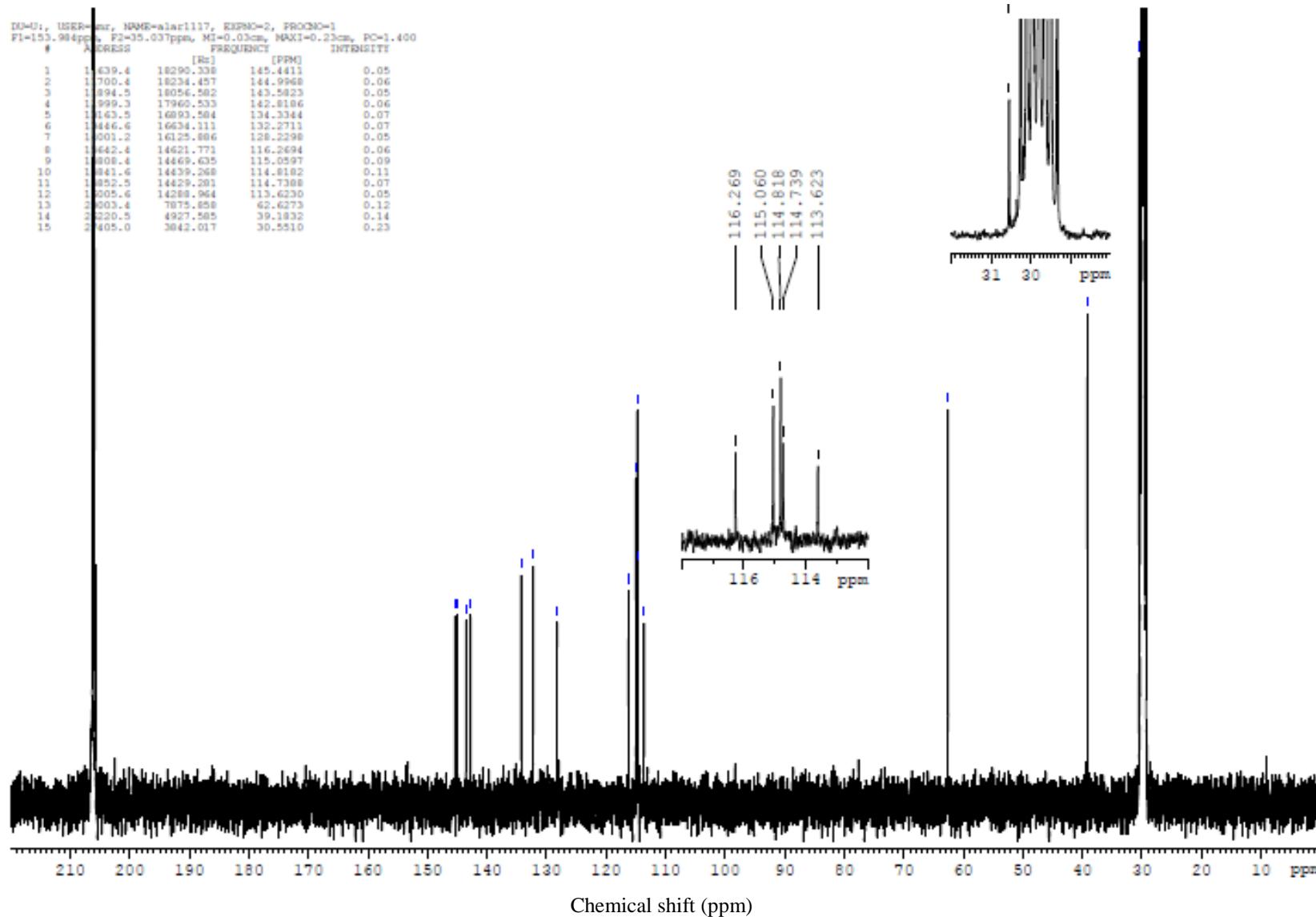
**Figure S9.**  $^{13}\text{C}$ -NMR spectrum of **3** in acetone- $d_6$  at 125 MHz.

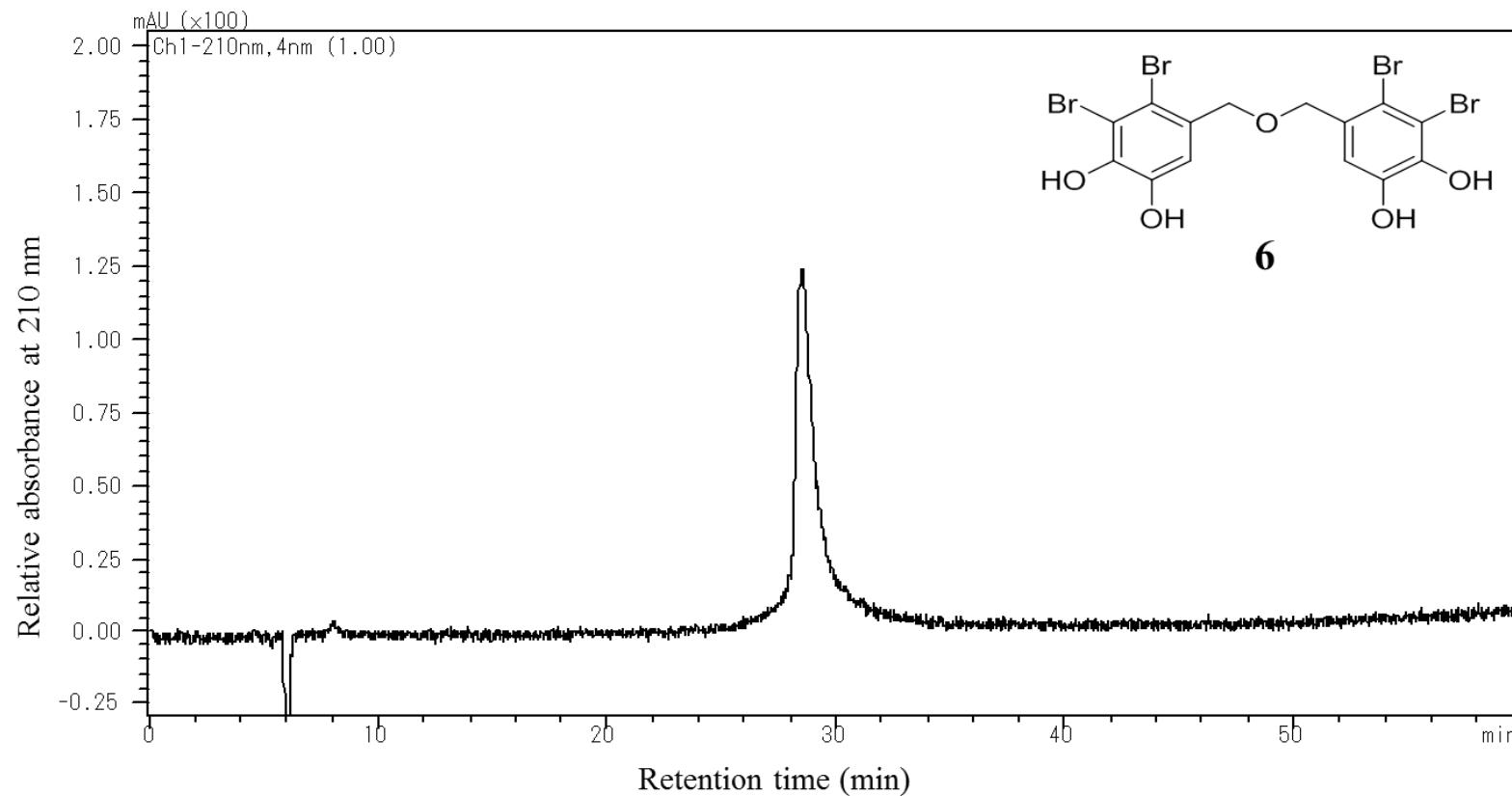


**Figure S10.** HPLC chromatogram of **4**.

HPLC conditions: Column: Mightysil RP-18 250–4.6 (5  $\mu$ m); Mobile phase: 60% aqueous MeOH + 0.1% AcOH; Flow rate: 0.8 mL/min; Detection: UV 210 nm.

**Figure S11.**  $^1\text{H}$ -NMR spectrum of **4** in acetone- $d_6$  at 500 MHz.

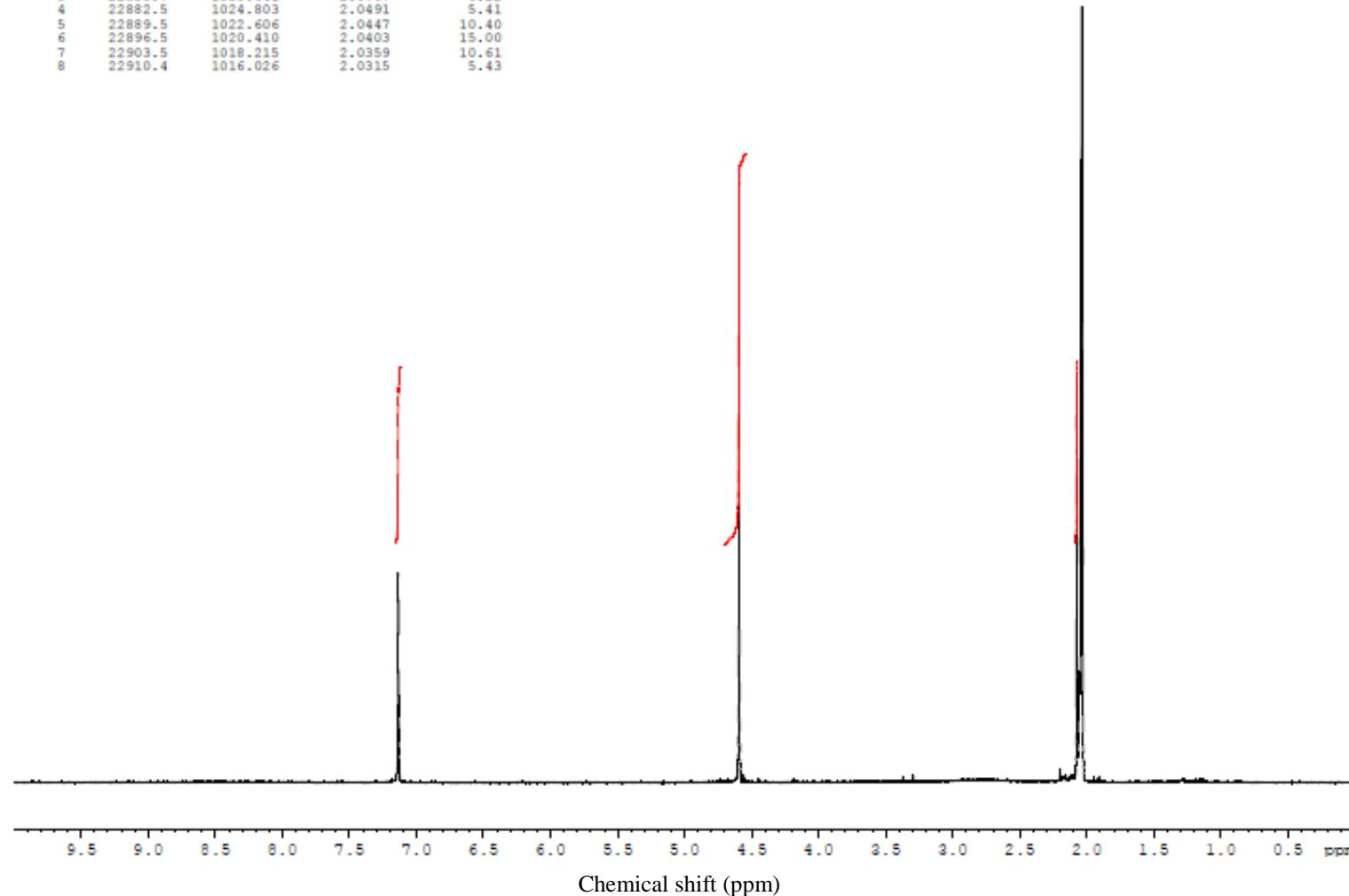
**Figure S12.**  $^{13}\text{C}$ -NMR spectrum of **4** in acetone- $d_6$  at 125 MHz.

**Figure S13.** HPLC chromatogram of **5**.

HPLC conditions: Column: Mightysil RP-18 250–4.6 (5  $\mu$ m); Mobile phase: 50% aqueous CH<sub>3</sub>CN + 0.1% AcOH; Flow rate: 0.5 mL/min; Detection: UV 210 nm.

**Figure S14.**  $^1\text{H}$ -NMR spectrum of **5** in acetone- $d_6$  at 500 MHz.

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# ADDRESS FREQUENCY INTENSITY  
[Hz] [PPM]  
1 14812.9 3568.886 7.1359 3.53  
2 18844.2 2297.941 4.5947 10.23  
3 22838.7 1038.641 2.0767 6.22  
4 22882.5 1024.803 2.0491 5.41  
5 22889.5 1022.606 2.0447 10.40  
6 22896.5 1020.410 2.0403 15.00  
7 22903.5 1018.215 2.0359 10.61  
8 22910.4 1016.026 2.0315 5.43



**Figure S15.**  $^{13}\text{C}$ -NMR spectrum of **5** in acetone- $d_6$  at 125 MHz.