

## Supporting Information

*Rec. Nat. Prod.* 19:3 (2025) 286-290

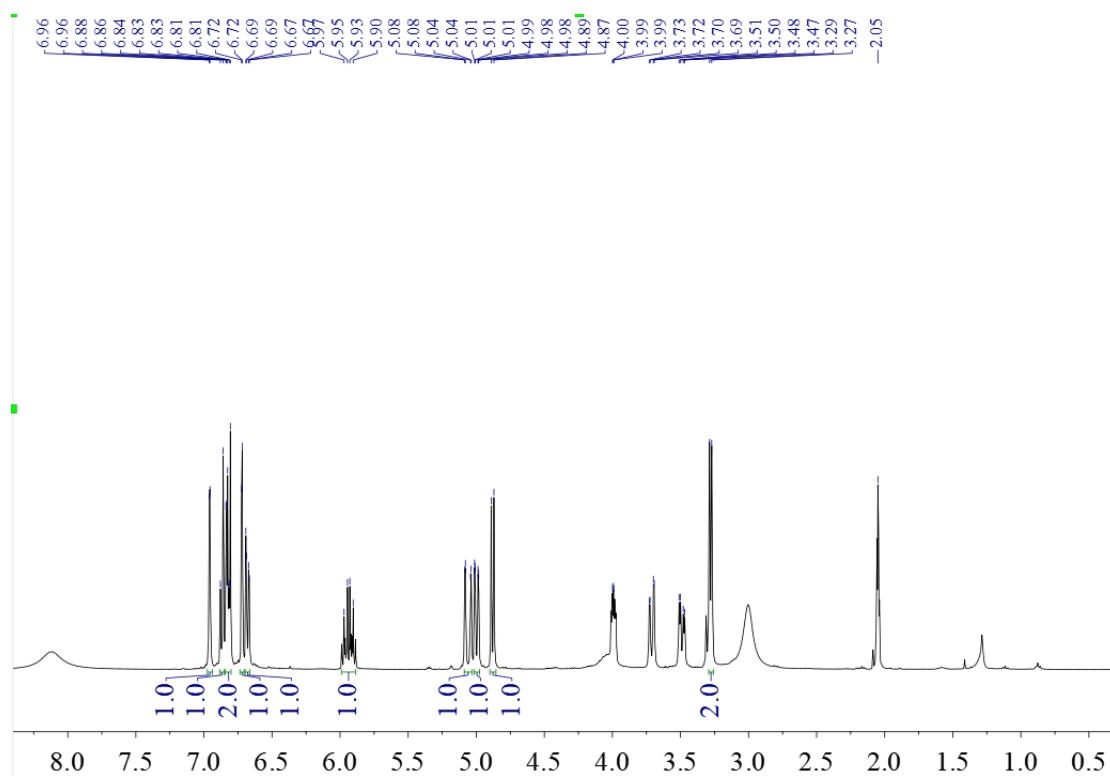
### A New Lignan from the Leaves and Stems of the Plant

*Melaleuca bracteata* F. Muell.

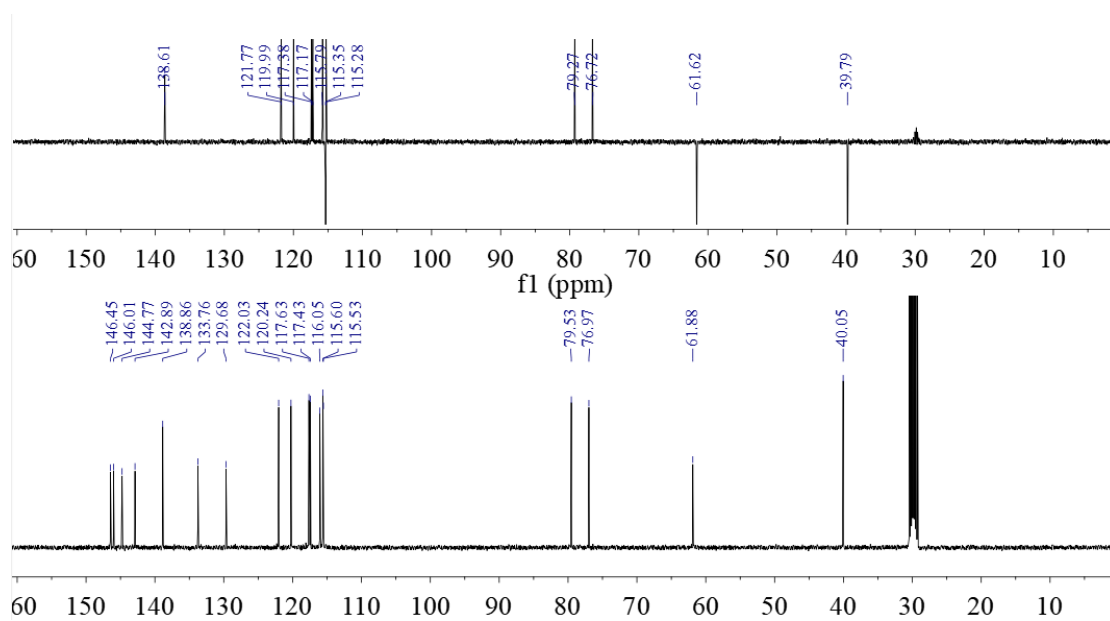
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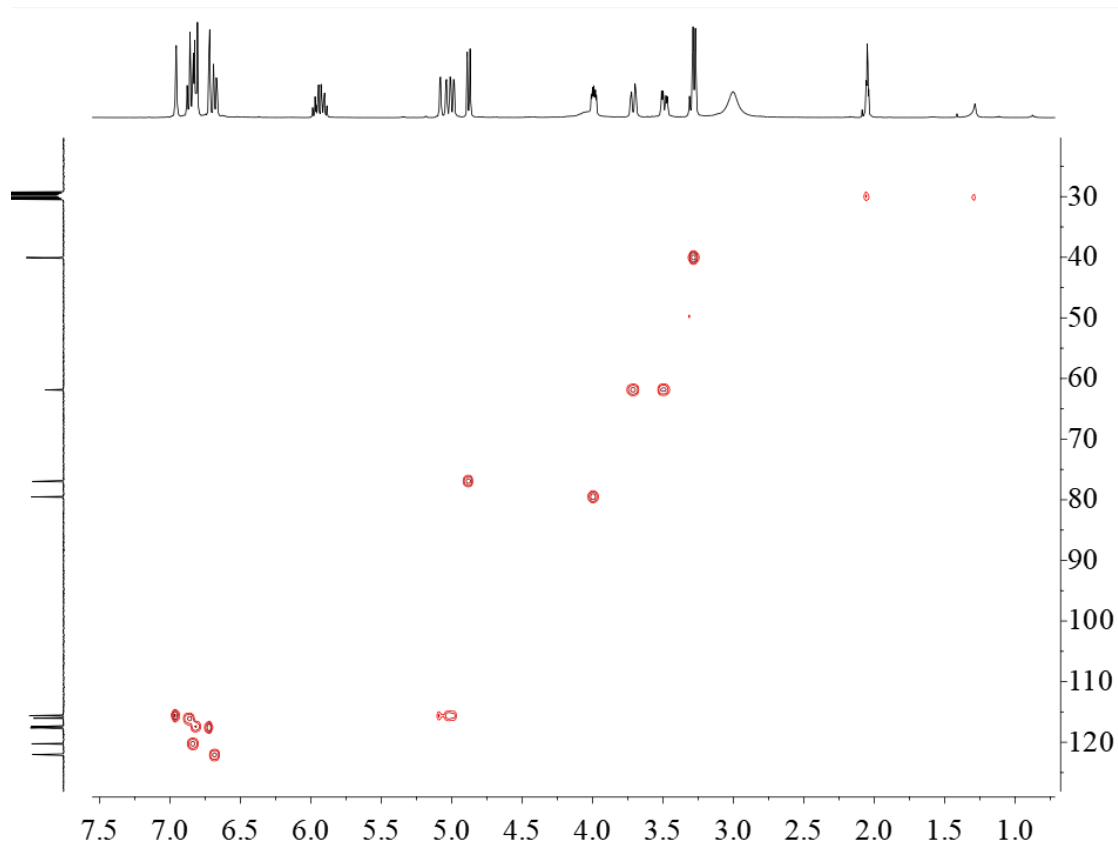
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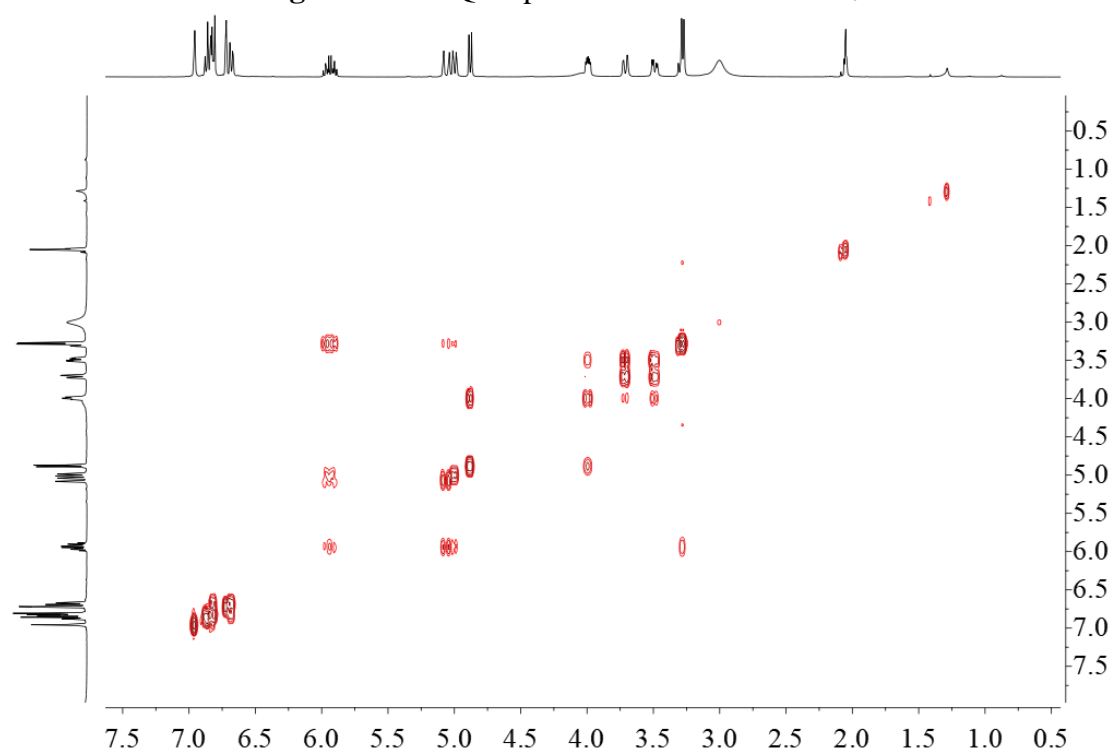
**Figure S1:**  $^1\text{H}$  NMR Spectrum of **1** in Acetone- $d_6$  (400 MHz)



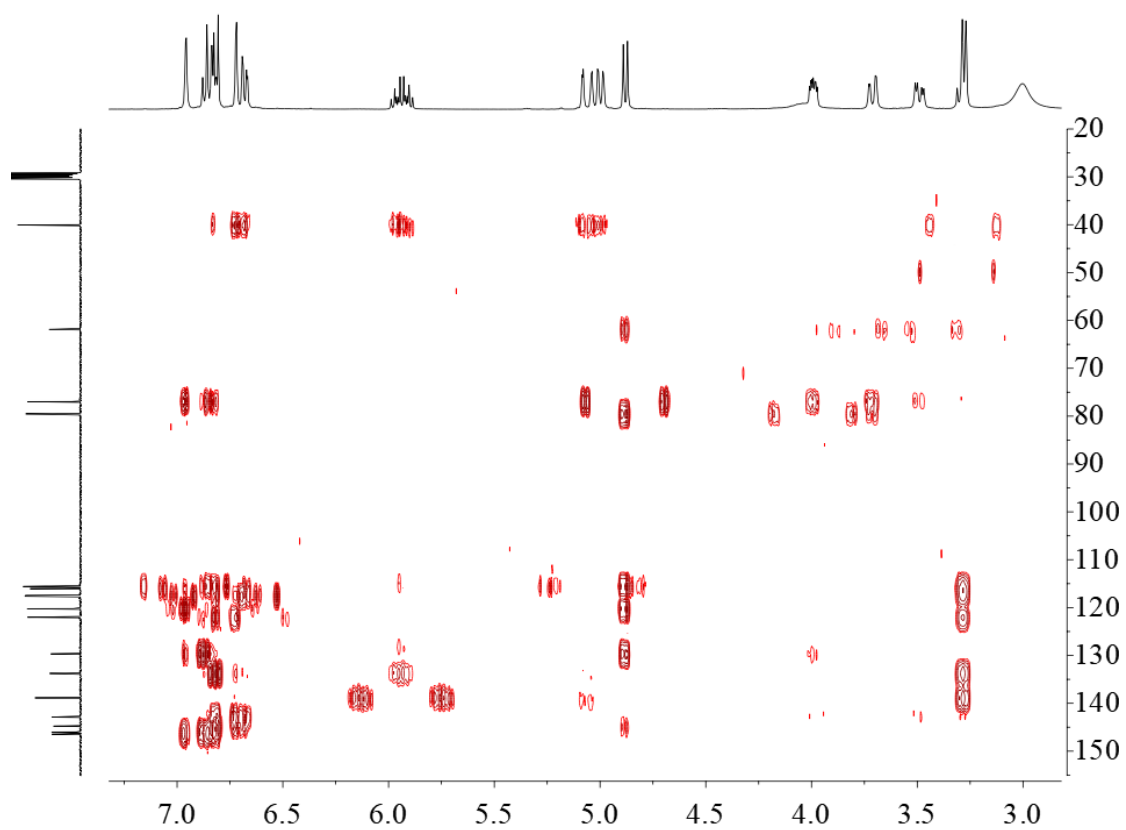
**Figure S2:**  $^{13}\text{C}$  NMR Spectrum of **1** in Acetone- $d_6$  (100 MHz)



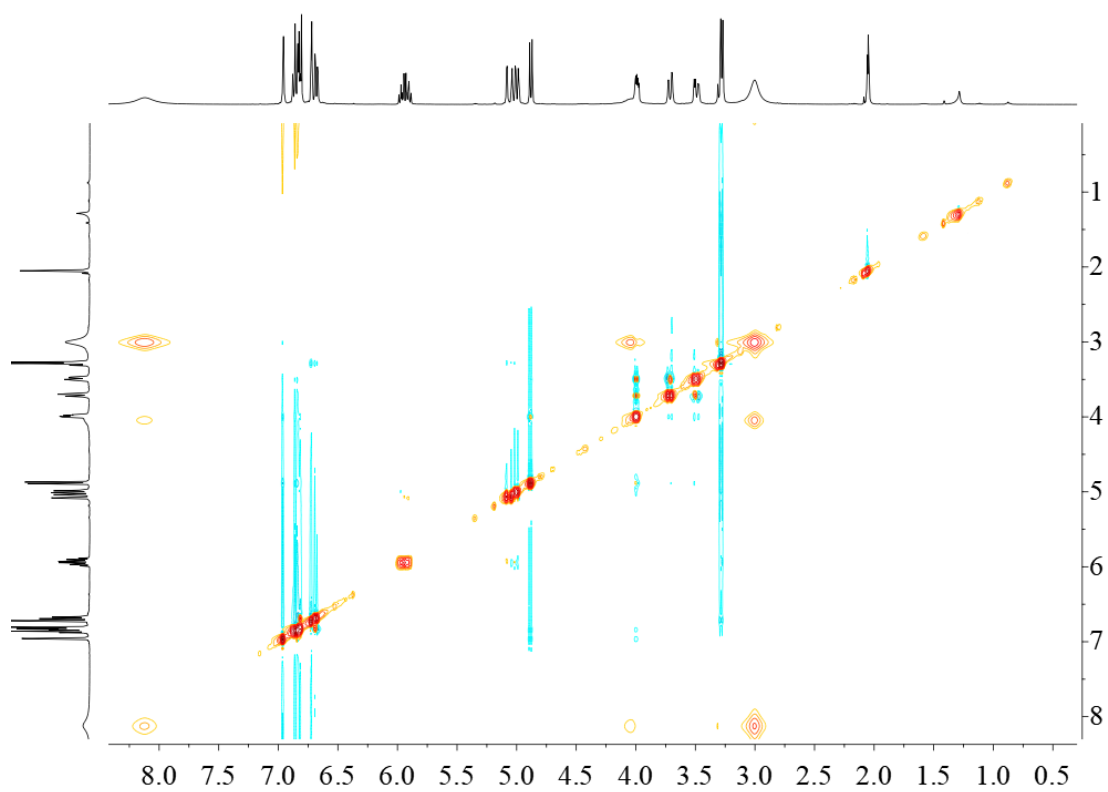
**Figure S3:** HSQC Spectrum of **1** in Acetone- $d_6$



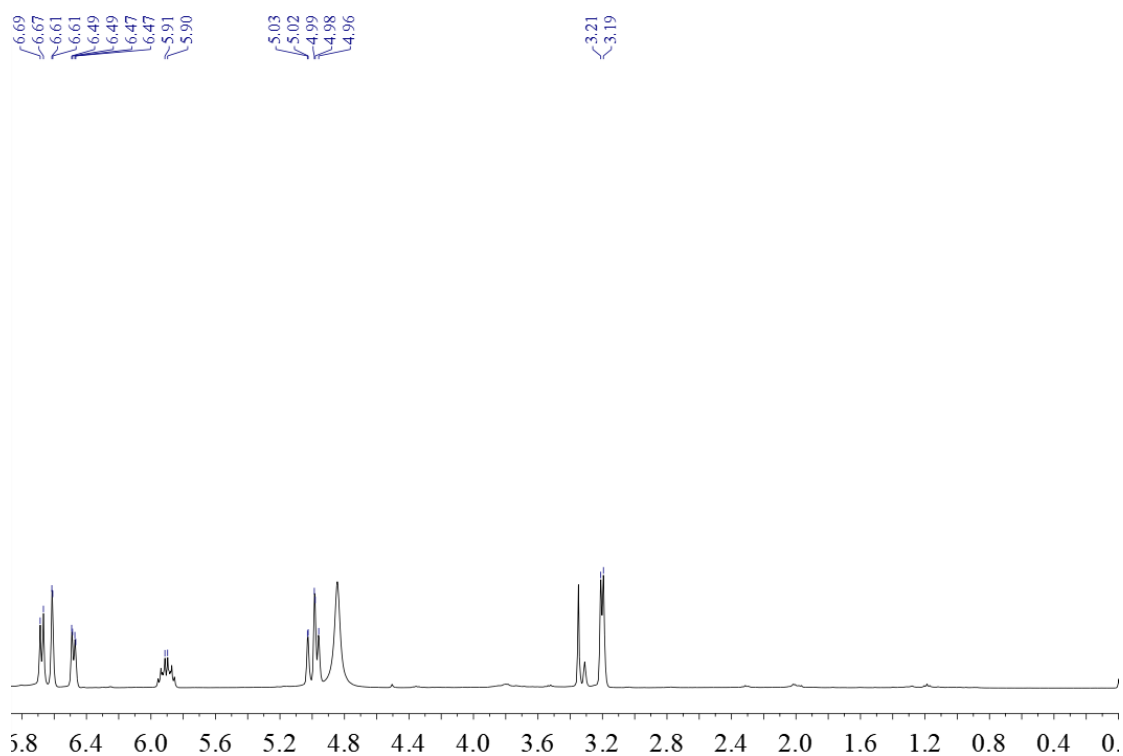
**Figure S4:**  $^1\text{H}$ - $^1\text{H}$  COSY Spectrum of **1** in Acetone- $d_6$



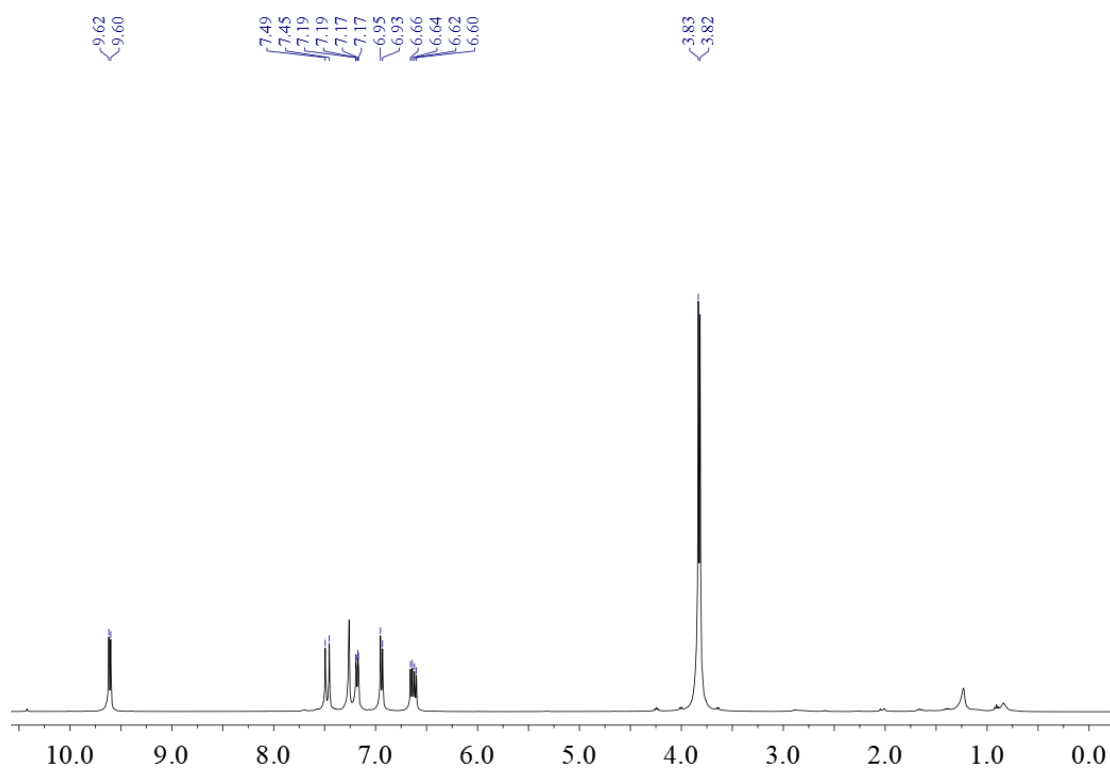
**Figure S5:** HMBC Spectrum of **1** in Acetone- $d_6$



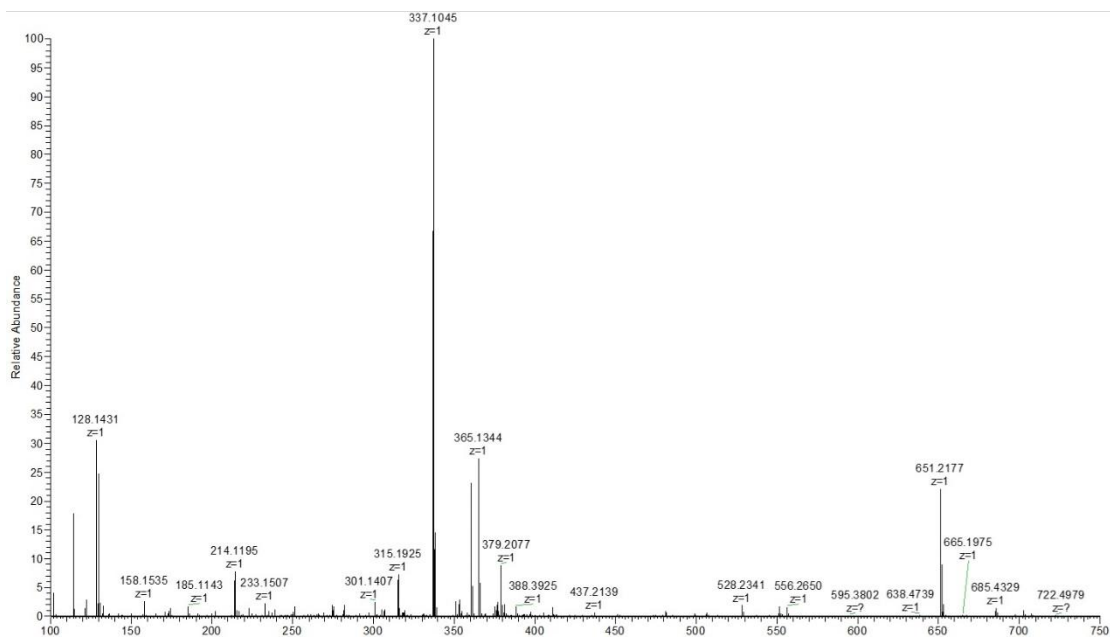
**Figure S6:** NOESY Spectrum of **1** in Acetone- $d_6$



**Figure S7:** <sup>1</sup>H NMR Spectrum of **2** in Methanol-*d*<sub>4</sub> (400 MHz)



**Figure S8:** <sup>1</sup>H NMR Spectrum of **3** in CDCl<sub>3</sub> (400 MHz)



**Figure S9: HRESIMS Spectrum of 1.**

109 Results Sort: Relevance View: Partial

<p><b>1309608-05-6</b> 96</p> <p><b>C<sub>19</sub>H<sub>20</sub>O<sub>5</sub></b> 2,3-Dihydro-3-(4-hydroxy-3-methoxyphenyl)-6-(2-propen-1-yl)-1,4-benzodioxin-2-methanol</p> <p>Reference: 1, Reactions: 5, Supplier: 1</p>	<p><b>74741-32-5</b> 96</p> <p><b>C<sub>19</sub>H<sub>20</sub>O<sub>5</sub></b> 1,4-Benzodioxin-2-methanol, 2,3-dihydro-3-(4-hydroxy-3-methoxyphenyl)-6-(2-propen-1-yl)-</p> <p>Reference: 1, Reaction: 1, Supplier: 1</p>	<p><b>2583632-30-6</b> 93</p> <p><b>C<sub>19</sub>H<sub>20</sub>O<sub>4</sub></b> rel-4-[(2R,3R)-2,3-Dihydro-3-methyl-7-(2-propen-1-yl)-1,4-benzodioxin-2-yl]-2-methoxy-1,4-benzodioxin-2-methanol</p> <p>Reference: 1, Reactions: 0, Suppliers: 0</p>
<p><b>1372195-93-1</b> 93</p> <p><b>C<sub>18</sub>H<sub>20</sub>O<sub>5</sub></b> rel-(2R,3S)-6-Ethyl-2,3-dihydro-3-(4-hydroxy-3-methoxyphenyl)-1,4-benzodioxin-2-methanol</p> <p>Reference: 1, Reaction: 1, Suppliers: 0</p>	<p><b>1372195-92-0</b> 93</p> <p><b>C<sub>18</sub>H<sub>20</sub>O<sub>5</sub></b> rel-(2R,3R)-6-Ethyl-2,3-dihydro-3-(4-hydroxy-3-methoxyphenyl)-1,4-benzodioxin-2-methanol</p> <p>Reference: 1, Reaction: 1, Suppliers: 0</p>	<p><b>74741-31-4</b> 91</p> <p><b>C<sub>17</sub>H<sub>18</sub>O<sub>5</sub></b> 1,4-Benzodioxin-2-methanol, 2,3-dihydro-3-(4-hydroxy-3-methoxyphenyl)-6-methyl-</p> <p>Reference: 1, Reaction: 1, Supplier: 1</p>

**Figure S10: SciFinder report for compound 1**