

# SUPPORTING INFORMATION

## Limnophilaspiroketone, A Highly Oxygenated Phenolic Derivative from *Limnophila geoffrayi*

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**Table S1.**  $^1\text{H}$  and  $^{13}\text{C}$  NMR data of compound **1**.<sup>a</sup>

| position | $\text{CD}_3\text{COCD}_3$    |                               | $\text{DMSO-}d_6$             |                              |
|----------|-------------------------------|-------------------------------|-------------------------------|------------------------------|
|          | $\delta_{\text{H}}$ (500 MHz) | $\delta_{\text{C}}$ (125 MHz) | $\delta_{\text{H}}$ (300 MHz) | $\delta_{\text{C}}$ (75 MHz) |
| 1        |                               | 95.4 s                        |                               | 94.2 s                       |
| 2        |                               | 186.2 s                       |                               | 185.9 s                      |
| 3        |                               | 138.8 s                       |                               | 137.4 s                      |
| 4        |                               | 165.5 s                       |                               | 165.6 s                      |
| 5        |                               | 80.3 s                        |                               | 79.5 s                       |
| 6        |                               | 169.8 s                       |                               | 168.9 s                      |
| 7        |                               | 194.5 s                       |                               | 193.4 s                      |
| 8        | 6.13, s                       | 98.9 d                        | 6.29, s                       | 98.3 d                       |
| 9        |                               | 187.0 s                       |                               | 185.5 s                      |
| 10       |                               | 119.9 s                       |                               | 118.3 s                      |
| 11/15    | 7.80, d (8.8)                 | 130.3 d                       | 7.77, d (8.7)                 | 129.6 d                      |
| 12/14    | 7.01, d (8.8)                 | 116.9 d                       | 6.97, d (8.7)                 | 116.3 d                      |
| 13       |                               | 163.2 s                       |                               | 162.6 s                      |
| MeO-3    | 3.87, s                       | 59.9 q                        | 3.78, s                       | 59.6 q                       |
| MeO-4    | 4.22, s                       | 60.8 q                        | 4.17, s                       | 60.2 q                       |
| MeO-6    | 3.89, s                       | 54.3 q                        | 3.83, s                       | 53.8 q                       |
| OH-5     | 5.70, br s                    |                               | 7.06, br s                    |                              |
| OH-13    | 9.70, br s                    |                               | 10.65, br s                   |                              |

<sup>a</sup>TMS was used as the internal standard, chemical shifts are presented in parts per million. *J* values are given in Hz in parentheses. Assignments are based on the observed correlations in  $^1\text{H}$ - $^1\text{H}$  COSY, HMQC and HMBC spectra.