

SUPPLEMENTARY MATERIAL

Myristigranol, a new diarylpropane derivative from the wood of *Myristica fragrans*

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Myristigranol, a new diarylpropane derivative, was isolated from the methanol extract of *Myristica fragrans* wood along with one diarylpropanoid and three stilbenoids. The isolated constituents were exhaustingly identified using the analyses of 1D and 2D NMR spectroscopic techniques and comparison of the literatures reported as well. The antioxidant activity was also determined.

Keywords: Myristicaceae; *Myristica fragrans*; myristigranol; diarylpropane; stilbenoid; antioxidant activity

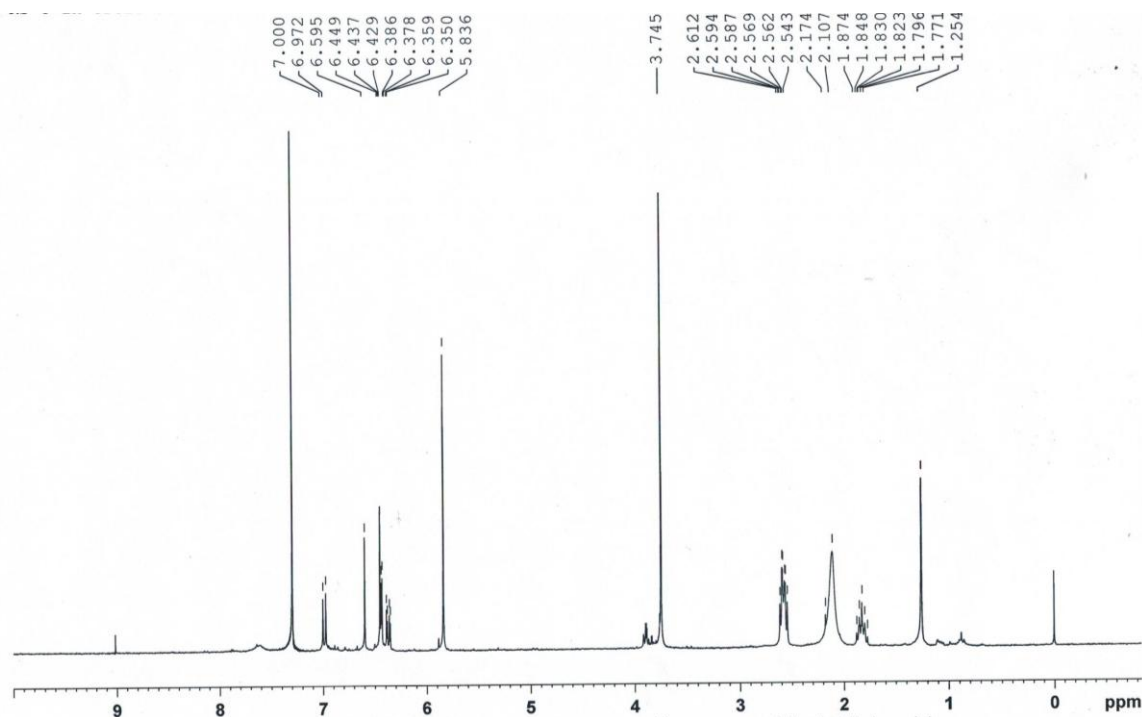


Figure S1 ^1H NMR (300 MHz, $\text{CDCl}_3 + \text{CD}_3\text{OD}$ 1 drop) spectrum of compound 1

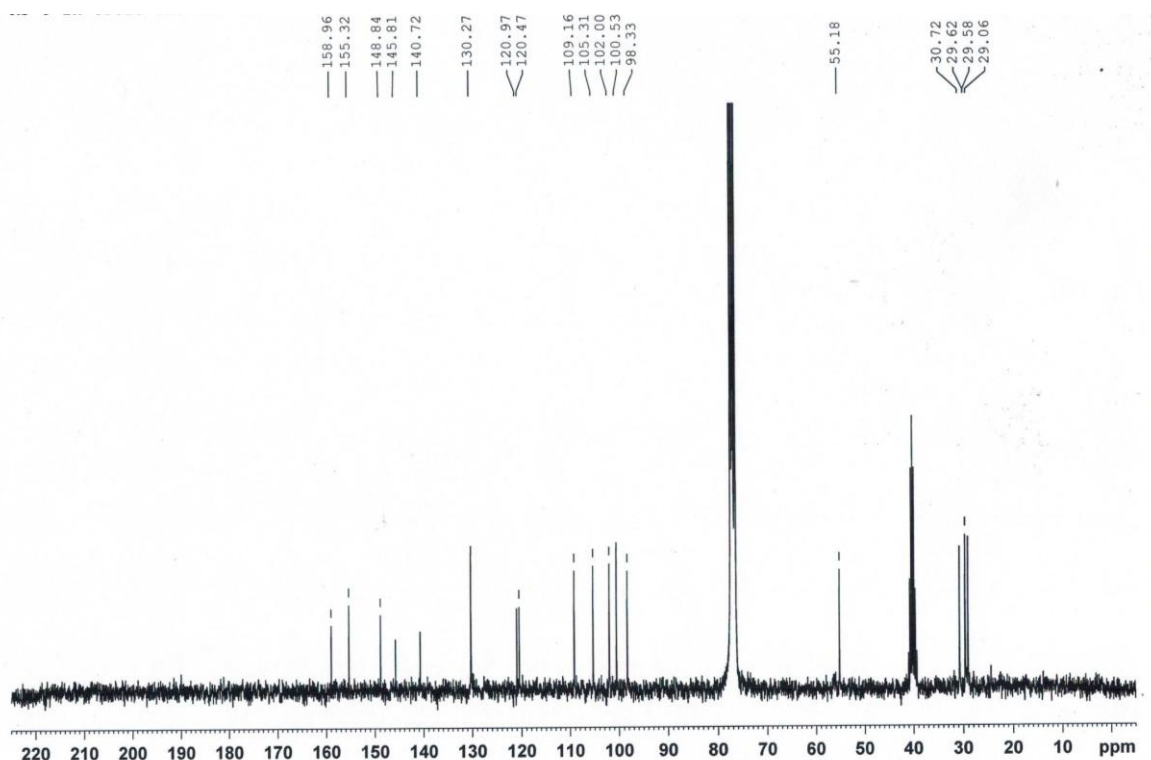


Figure S2 ^{13}C NMR (75 MHz, $\text{CDCl}_3 + \text{CD}_3\text{OD}$ 1 drop) spectrum of compound 1

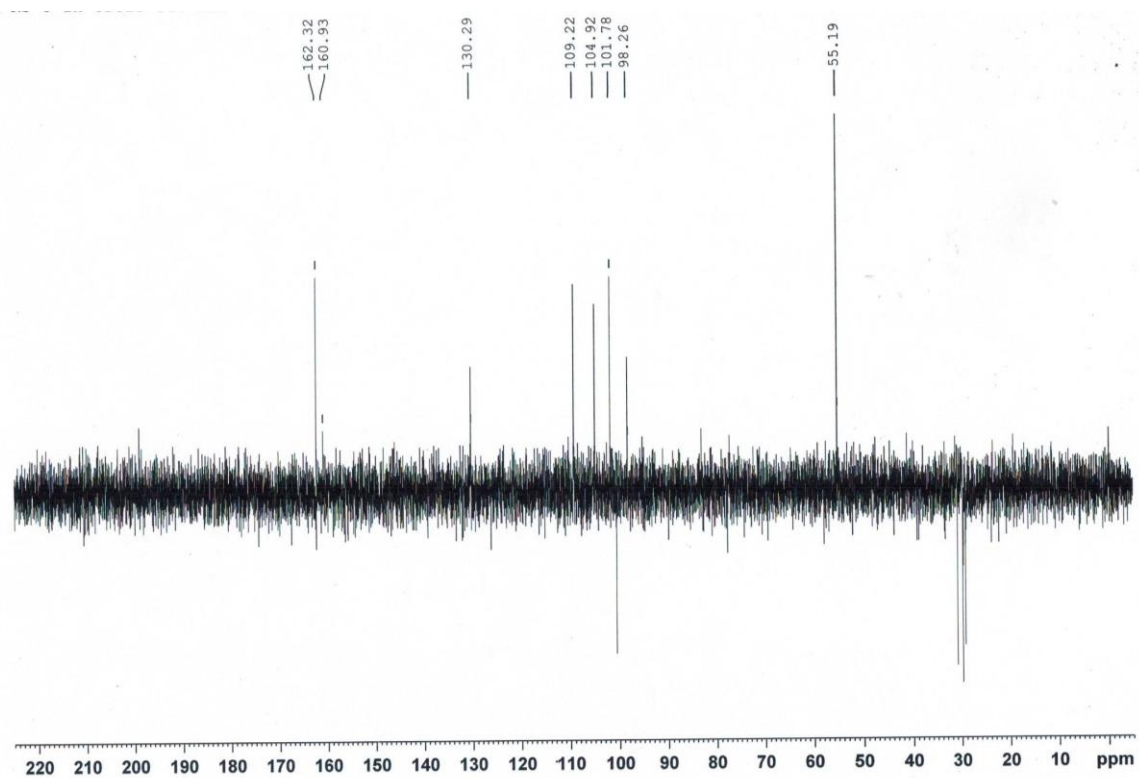


Figure S3 DEPT 135 spectrum of compound 1

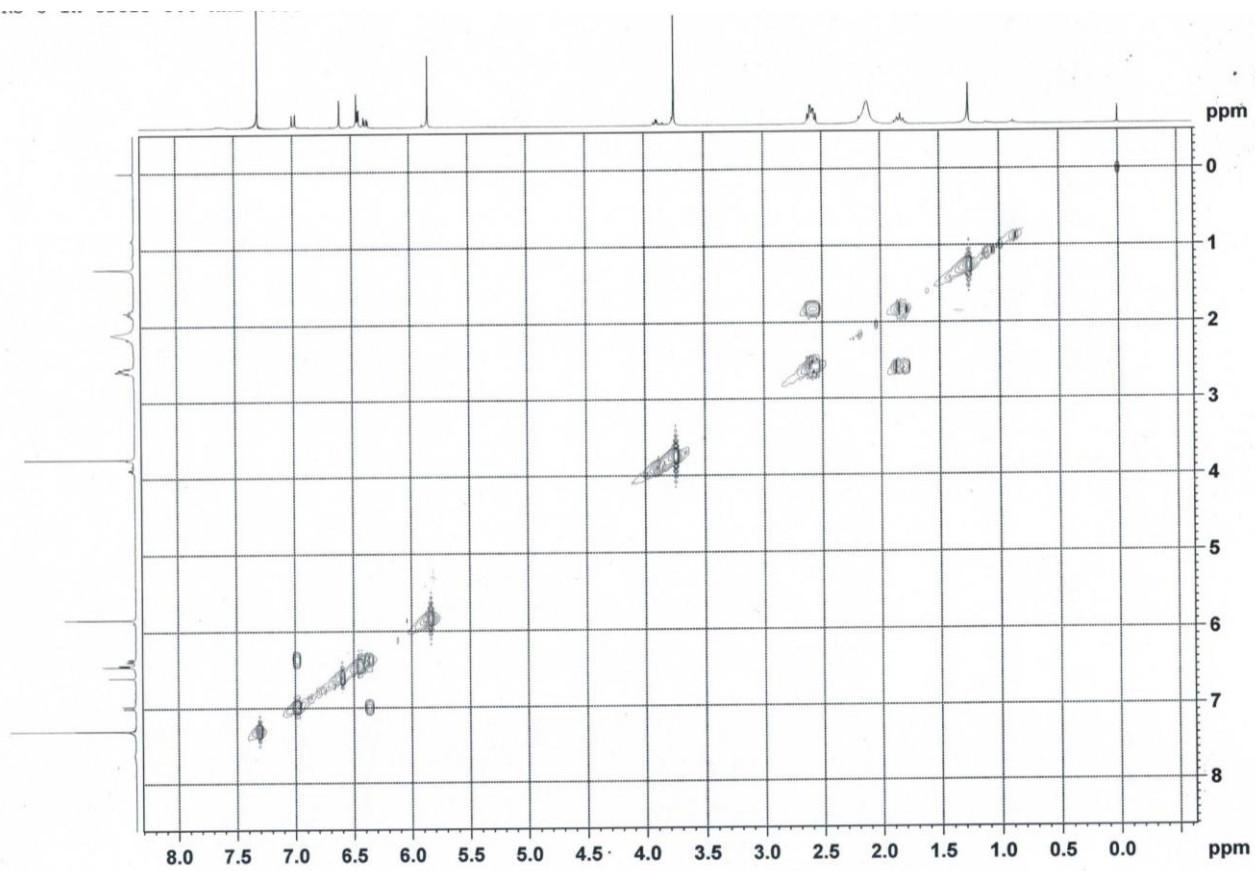


Figure S4 ^1H - ^1H COSY spectrum of compound 1

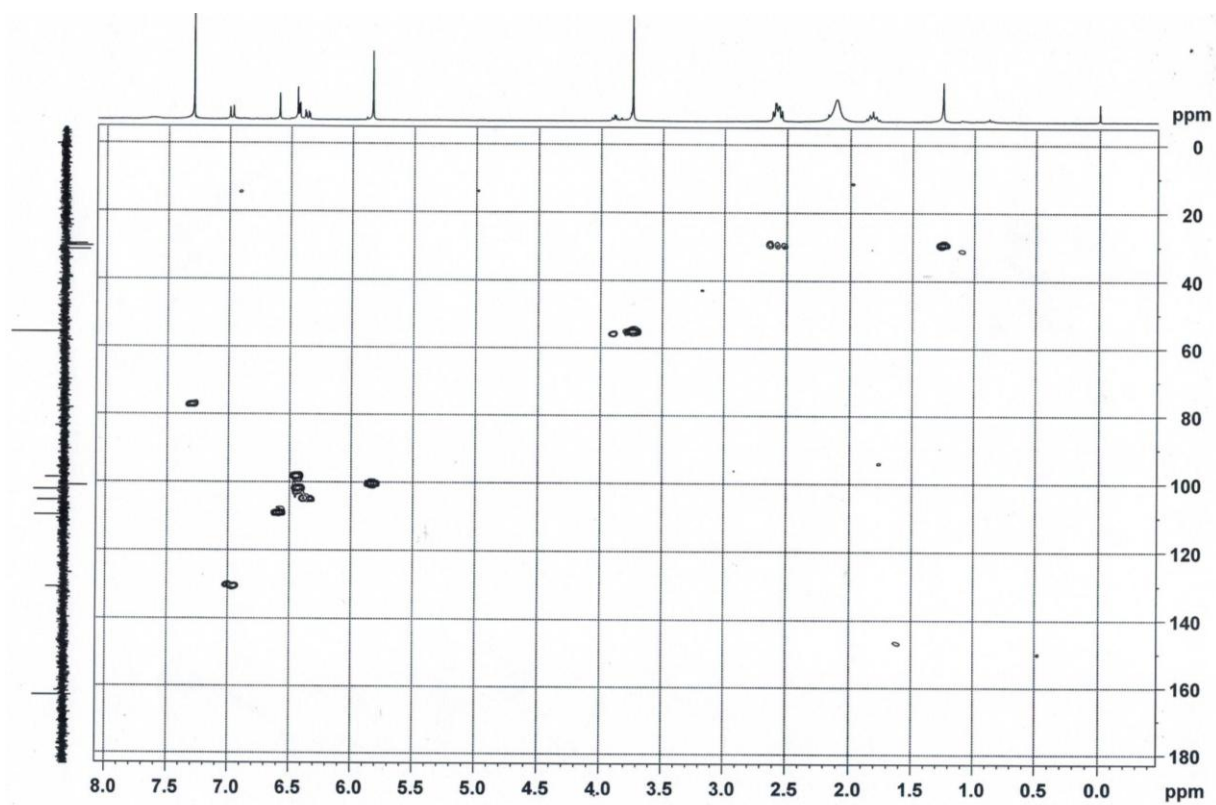


Figure S5 HMQC spectrum of compound 1

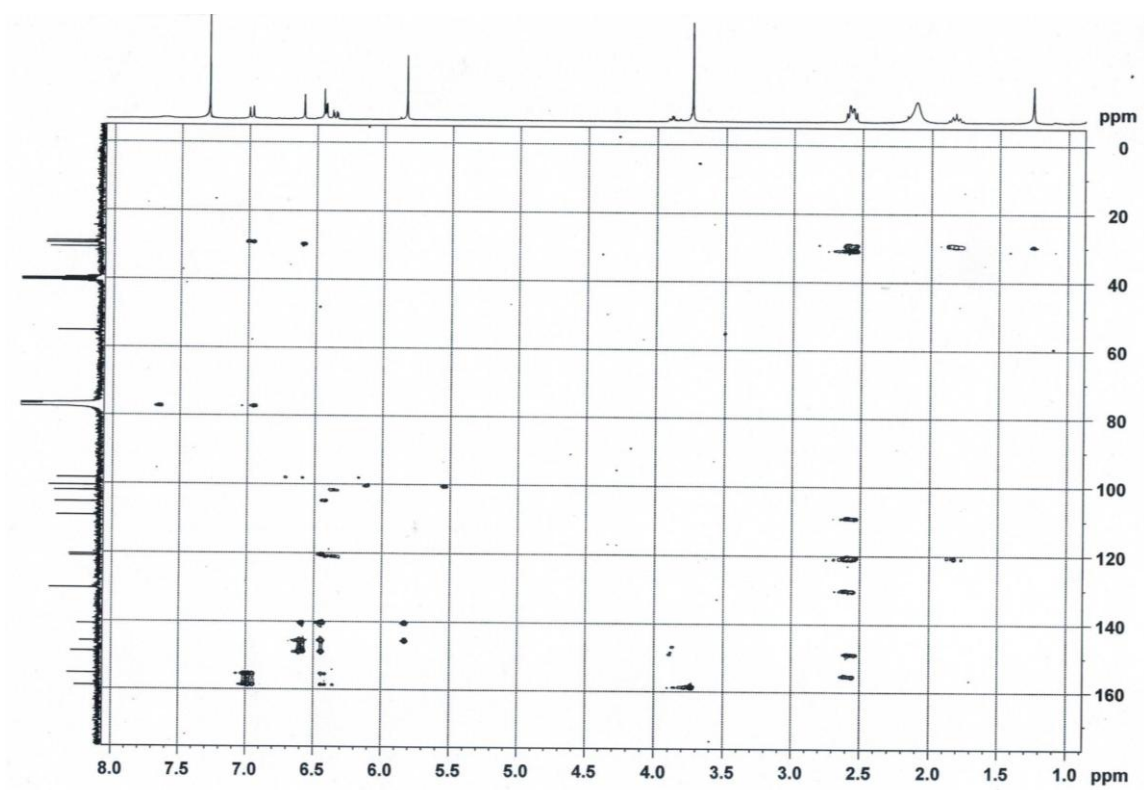


Figure S6 HMBC spectrum of compound 1

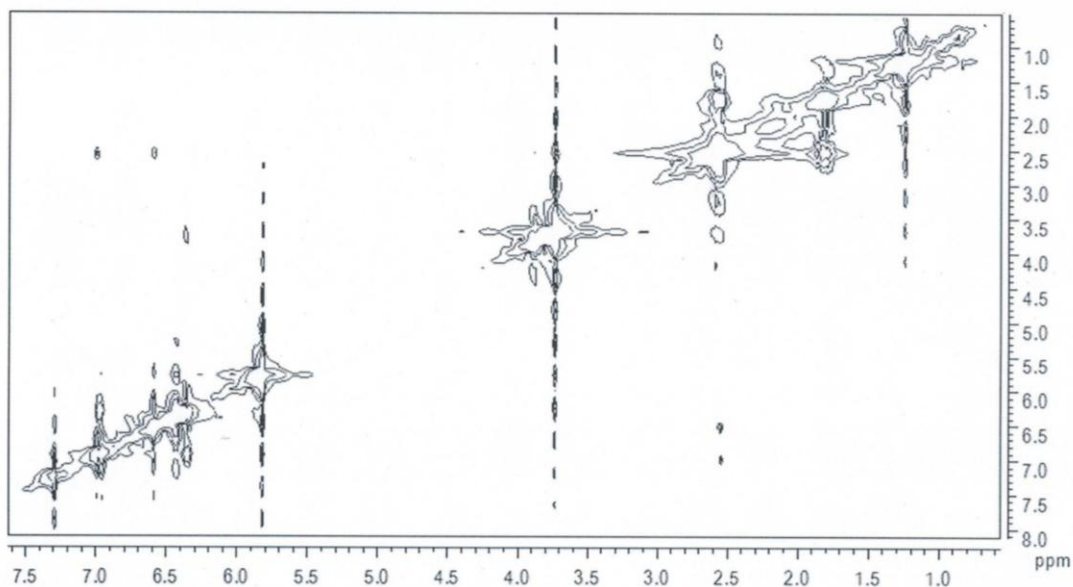


Figure S7 NOESY spectrum of compound 1

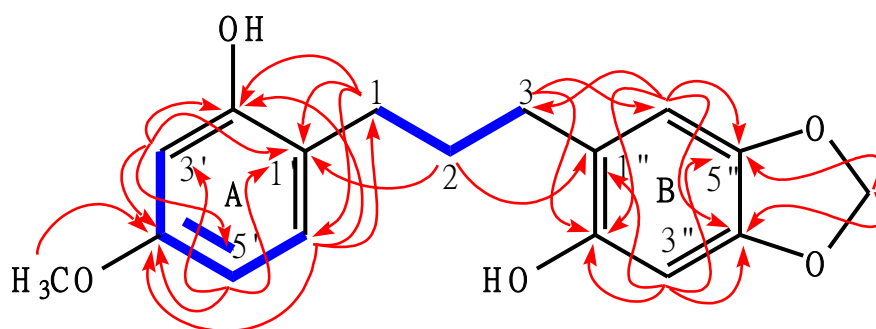


Figure S8 HMBC (H→C) and COSY (bold line) of compound 1.

Table S1 DPPH scavenging activity of compounds 1 – 5.

compound	IC ₅₀ (μM)
1	35.62 ± 0.20
2	32.35 ± 0.26
3	22.06 ± 0.18
4	> 100
5	15.12 ± 0.14
<i>L</i> -ascorbic acid	23.58 ± 0.25