SUPPLEMENTARY MATERIAL

Lasiodiplodins from Mangrove Endophytic Fungus *Lasiodiplodia* sp.

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Abstract: Four new lasiodiplodins (**1-4**), together with three known analogues have been isolated from a mangrove endophytic fungus, *Lasiodiplodia* sp. 318#. The structures were elucidated by spectroscopic techniques. Cytotoxic activities of compounds **1-7** were evaluated in vitro against human cancer lines THP1, MDA-MB-435, A549, HepG2, HCT-116. Compound **4** exhibited moderate cytotoxic activities.

Keywords: endophytic fungus; lasiodiplodins; cytotoxic activity

Figure S1. X-ray crystallographic structure of compound 5.

Figure S2. The ^1H -NMR spectrum of compound 1 (Acetone- d_6)

Figure S3. The ^{13}C -NMR spectrum of compound 1 (CDCl_3)

Figure S4. The DEPT spectrum of compound 1

Figure S5. The HSQC spectrum of compound 1

Figure S6. The structure and key ^1H - ^1H COSY (bold), HMBC (arrow) correlations of 1.

Figure S7. The HREIMS spectrum of compound 1

Figure S8. CD spectra of compound 5 and 1.

Figure S9. The ^1H -NMR spectrum of compound 2 (CDCl_3)

Figure S10. The ^{13}C -NMR spectrum of compound 2 (CDCl_3)

Figure S11. The DEPT spectrum of compound 2

Figure S12. The HSQC spectrum of compound 2

Figure S13. The structure and key ^1H - ^1H COSY (bold), HMBC (arrow) correlations of 2.

Figure S14. The HREIMS spectrum of compound 2

Figure S15. The ^1H -NMR spectrum of compound 3 (Acetone- d_6)

Figure S16. The ^{13}C -NMR spectrum of compound 3 (Acetone- d_6)

Figure S17. The DEPT spectrum of compound 3

Figure S18. The HSQC spectrum of compound 3

Figure S19. The structure and key ^1H - ^1H COSY (bold), HMBC (arrow) correlations of 3

Figure S20. The HRESIMS spectrum of compound 3

Figure S21. The ^1H -NMR spectrum of compound 4 (CDCl_3)

Figure S22. The ^{13}C -NMR spectrum of compound 4 (CDCl_3)

Figure S23. The DEPT spectrum of compound 4

Figure S24. The HSQC spectrum of compound 4

Figure S25. The key ^1H - ^1H COSY (bold) and HMBC (arrow) correlations of compound 4

Figure S26. The HREIMS spectrum of compound 4