SUPPLEMENTARY MATERIAL

Diversity of the diterpenes in the leaves of Xylopia laevigata (Annonaceae) and their cytotoxicities

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Figure 1S. $^1$H NMR spectrum of abieta-7,13-dien-3-one (1) in CDCl$_3$ at 600 MHz
Figure 2S. $^{13}$C$[^1$H$]$ NMR spectrum of abieta-7,13-dien-3-one (1) in CDCl$_3$ at 150 MHz
Figure 3S. DEPT 135 NMR spectrum of abieta-7,13-dien-3-one (I) in CDCl$_3$ at 150 MHz
Figure 4S. $^1$H-$^1$H correlation map from COSY NMR experiment of abieta-7,13-dien-3-one (I) in CDCl$_3$ at 600 MHz.
Figure 5S. One-bond $^1\text{H}$$-^{13}\text{C}$ correlation map from HSQC NMR experiment of abiet-7,13-dien-3-one (1) in CDCl$_3$ at 600 ($^1\text{H}$) and 150 MHz ($^{13}\text{C}$), respectively.
Figure 6S. Long-range $^1$H-$^{13}$C correlation map from HMBC NMR experiment of abieta-7,13-dien-3-one (I) in CDCl$_3$ at 600 ($^1$H) and 150 MHz ($^{13}$C), respectively
Figure 7S. GC (above) and EI-MS of abiet-7,13-dien-3-one (1) (m/z 286 [M]+).
Figure 8S. $^1$H NMR spectrum of ent-7β-acetoxy-16β-hydroxy-kaurane (3) in CDCl$_3$ at 600 MHz
Figure 9S. $^{13}$C/$^1$H) NMR spectrum of ent-7β-acetoxy-16β-hydroxy-kaurane (3) in CDCl$_3$ at 150 MHz.
Figure 10S. DEPT 135 NMR spectrum of ent-7β-acetoxy-16β-hydroxy-kaurane (3) in CDCl$_3$ at 150 MHz
Figure 11S. $^1H-^1H$ correlation map from COSY NMR experiment of ent-7β-acetoxy-16β-hydroxykaurane (3) in CDCl$_3$ at 600 MHz.
Figure 12S. One-bond $^1$H-$^{13}$C correlation map from HSQC NMR experiment of ent-7β-acetoxy-16β-hydroxy-kaurane (3) in CDCl$_3$ at 600 ($^1$H) and 150 MHz ($^{13}$C), respectively
Figure 13S. Long-range $^1$H-$^{13}$C correlation map from HMBC NMR experiment of ent-7$\beta$-acetoxy-16$\beta$-hydroxy-kaurane (3) in CDCl$_3$ at 600 ($^1$H) and 150 MHz ($^{13}$C), respectively.
Figure 14S. 1D NOE of ent-7β-acetoxoy-16β-hydroxy-kaurane (3), for the selective irradiation of the resonance frequency of the hydrogen H-7 at δH 4.62, in CDCl₃ at 600 MHz

Figure 15S. 1D NOE of ent-7β-acetoxoy-16β-hydroxy-kaurane (3), for the selective irradiation of the resonance frequency of CH₃ of acetoxoy group at δH 2.05, in CDCl₃ at 600 MHz
Figure 16S. 1D NOE of ent-7β-acetoxy-16β-hydroxy-kaurane (3), for the selective irradiation of the resonance frequency of the hydrogen H-17 at $\delta_H 1.29$, in CDCl$_3$ at 600 MHz.

Figure 17S. 1D NOE of ent-7β-acetoxy-16β-hydroxy-kaurane (3), for the selective irradiation of the resonance frequency of the hydrogen H-20 at $\delta_H 0.96$, in CDCl$_3$ at 600 MHz.
Figure 18S. 1D NOE of ent-7β-acetoxy-16β-hydroxy-kaurane (3), for the selective irradiation of the resonance frequency of the hydrogen H-19 at $\delta_H 0.80$, in CDCl$_3$ at 600 MHz

Figure 19S. 1D NOE of ent-7β-acetoxy-16β-hydroxy-kaurane (3), for the selective irradiation of the resonance frequency of the hydrogen H-18 at $\delta_H 0.78$, in CDCl$_3$ at 600 MHz
Figure 20S. HR-ESI(+)−MS spectrum of ent-7β-acetoxy-16β-hydroxy-kaurane (3) (m/z 371.2558 [M+Na]+)
Figure 21S. GC (above) and EI-MS of ent-7β-acetoxy-16β-hydroxy-kaurane (3) (m/z 270 [M−H2O−C2H3O2]+*)
**Figure 22S.** $^1$H NMR spectrum of 4-epi-cupressic acid (4) in CDCl$_3$ at 600 MHz.
Figure 23. $^{13}$C$[^1]$H NMR spectrum of 4-epi-cupressic acid (4) in CDCl$_3$ at 150 MHz
Figure 24S. DEPT 135 NMR spectrum of 4-epi-cupressic acid (4) in CDCl₃ at 150 MHz.
Figure 25S. $^1\text{H}-^1\text{H}$ correlation map from COSY NMR experiment of 4-epi-cupressic acid (4) in CDCl$_3$ at 600 MHz.
Figure 26S. One-bond $^1$H-$^{13}$C correlation map from HSQC NMR experiment of 4-epi-cupressic acid (4) in CDCl$_3$ at 600 ($^1$H) and 150 MHz ($^{13}$C), respectively.
Figure 27S. Long-range $^1$H-$^{13}$C correlation map from HMBC NMR experiment of 4-epi-cupressic acid (4) in CDCl$_3$ at 600 ($^1$H) and 150 MHz ($^{13}$C), respectively.
Figure 28S. HR-ESI(−)-MS spectrum of 4-epi-cupressic acid (4) (m/z 319.2262 [M−H]−)
Figure 29S. $^1$H NMR spectrum of powerol (5) in CDCl$_3$ at 600 MHz
Figure 30S. $^{13}C$ NMR spectrum of powerol (5) in CDCl$_3$ at 150 MHz
Figure 31S. DEPT 135 NMR spectrum of powerol (5) in CDCl₃ at 150 MHz
Figure 32S. $^1H-^1H$ correlation map from COSY NMR experiment of powerol (5) in CDCl$_3$ at 600 MHz.
Figure 33S. One-bond $^1$H-$^{13}$C correlation map from HSQC NMR experiment of powerol (5) in CDCl$_3$ at 600 ($^1$H) and 150 MHz ($^{13}$C), respectively.
Figure 34S. Long-range $^1$H-$^{13}$C correlation map from HMBC NMR experiment of powerol (5) in CDCl$_3$ at 600 ($^1$H) and 150 MHz ($^{13}$C), respectively.
Figure 35S. HR-ESI(−)-MS spectrum of powerol (5) (m/z 305.2129 [M−H]−)
Figure 36S. GC (above) and EI-MS of powerol (5) (m/z 288 [M-OH]+*)
Figure 37S. HR-ESI(+) - MS spectrum of powerol (5) (m/z 329.2453 [M+H]+)
Figure 38S. $^1$H NMR spectrum of labdorffic acid B (6) in CDCl$_3$ at 600 MHz
Figure 39S. $^{13}$C($^1$H) NMR spectrum of labdorffianic acid B (6) in CDCl$_3$ at 150 MHz
Figure 40S. DEPT 135 NMR spectrum of labdorffianic acid B (6) in CDCl₃ at 150 MHz.
Figure 41S. $^1$H-$^1$H correlation map from COSY NMR experiment of labdorffianic acid B (6) in CDCl$_3$ at 600 MHz.
Figure 42S. One-bond $^1H$-$^{13}C$ correlation map from HSQC NMR experiment of labdorffianic acid B (6) in CDCl$_3$ at 600 ($^1H$) and 150 MHz ($^{13}C$), respectively.
Figure 43S. Long-range \textsuperscript{1}H-\textsuperscript{13}C correlation map from HMBC NMR experiment of labdorffianic acid B (6) in CDCl\textsubscript{3} at 600 (\textsuperscript{1}H) and 150 MHz (\textsuperscript{13}C), respectively.
Figure 44S. LR-ESI(+) -MS (above) spectrum (m/z 319.13 [M−H₂O+H]⁺) and LR-ESI(−)-MS spectrum of labdorffianic acid B (6) (m/z 335.25 [M+H]⁺)
Figure 45S. $^1$H NMR spectrum of spathulenol (2) in CDCl$_3$ at 400 MHz
Figure 46S. $^{13}$C{H} NMR spectrum of spathulenol (2) in CDCl$_3$ at 100 MHz
Figure 47S. DEPT 135 NMR spectrum of spathulenol (2) in CDCl$_3$ at 100 MHz
Figure 48S. $^1$H-$^1$H correlation map from COSY NMR experiment of spathulenol (1) in CDCl$_3$ at 400 MHz.
Figure 49S. One-bond $^1$H-$^{13}$C correlation map from HSQC NMR experiment of spathulenol (2) in CDCl$_3$ at 400 ($^1$H) and 100 MHz ($^{13}$C), respectively.
Figure 50S. Long-range $^1$H-$^{13}$C correlation map from HMBC NMR experiment of spathulenol (2) in CDCl$_3$ at 400 ($^1$H) and 100 MHz ($^{13}$C), respectively.