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MDPI

SUPPLEMENTARY MATERIAL

In vitro anticancer potential of *Jasione montana* and its main components against human amelanotic melanoma cells

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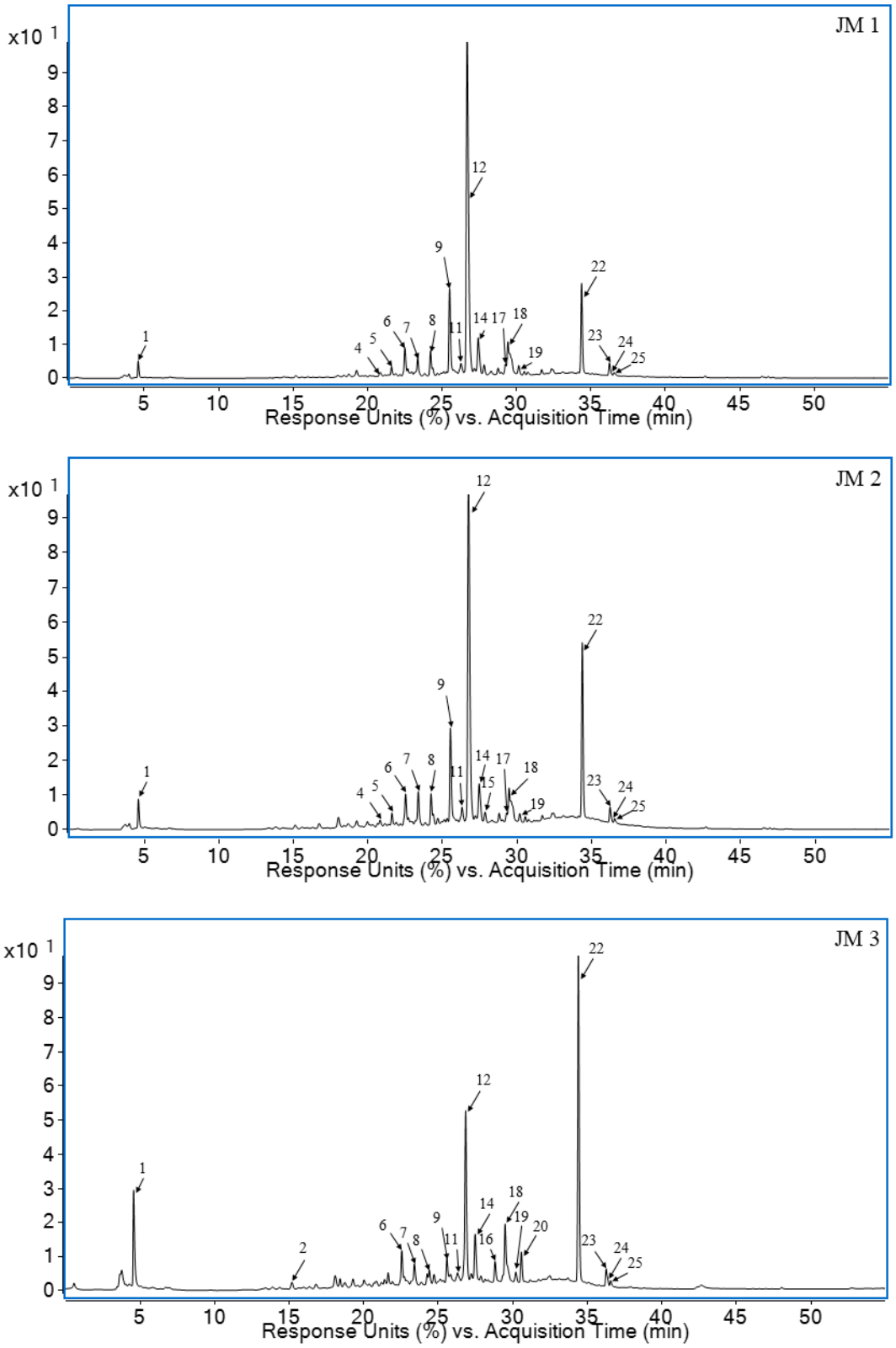

Figure S1. The qualitative assessment of *J. montana* extracts (**JM1**–**JM3**). UV-VIS chromatogram (λ=280 nm) obtained by LC-PDA–MS.

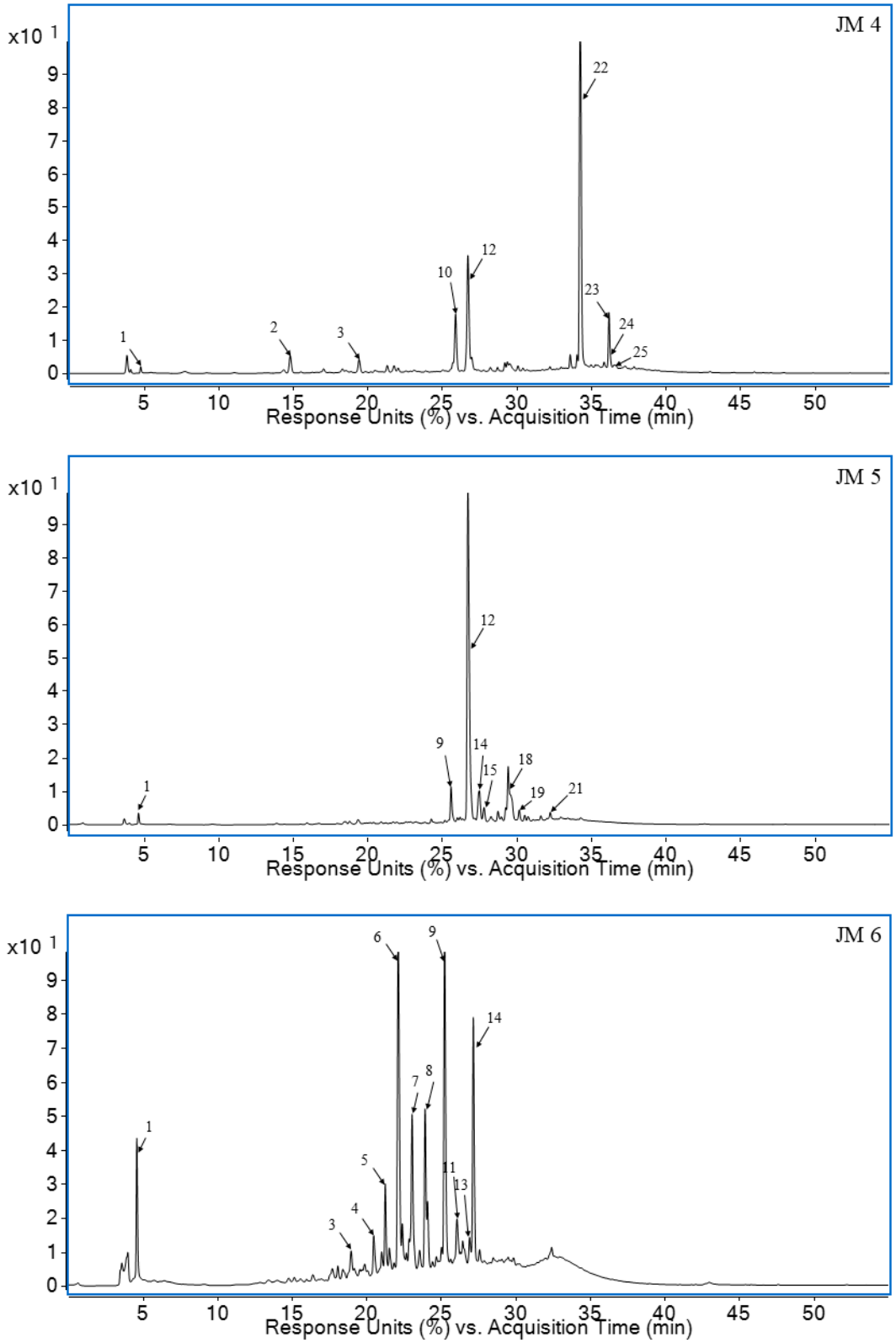

Figure S2. The qualitative assessment of *J. montana* fractions (**JM4**–**JM6**). UV-VIS chromatogram (λ=280 nm) obtained by LC-PDA–MS.

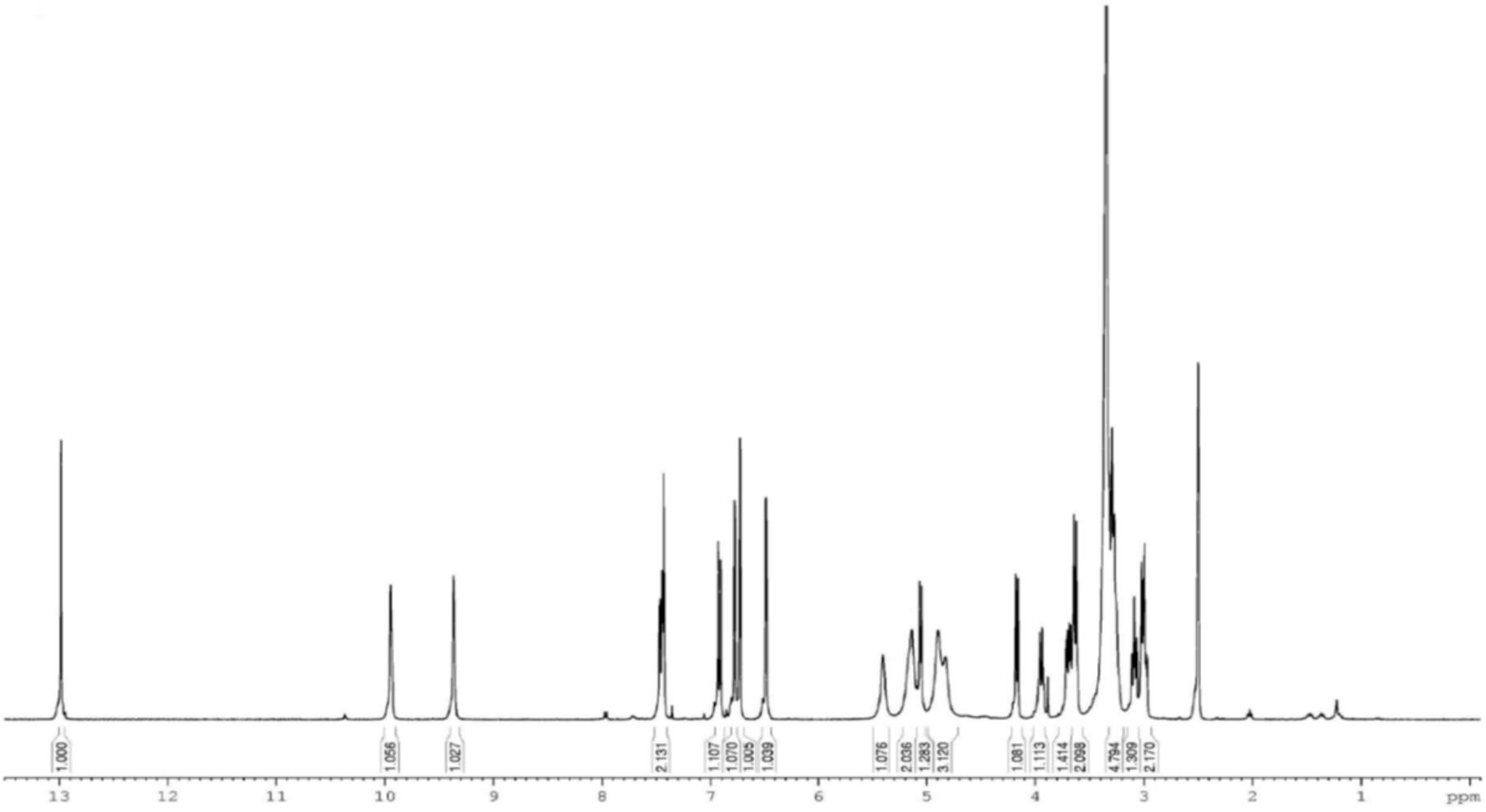

Figure S3. ^{1}H NMR spectrum (400.15 MHz, DMSO-*d*$_6$) of compound **9**.

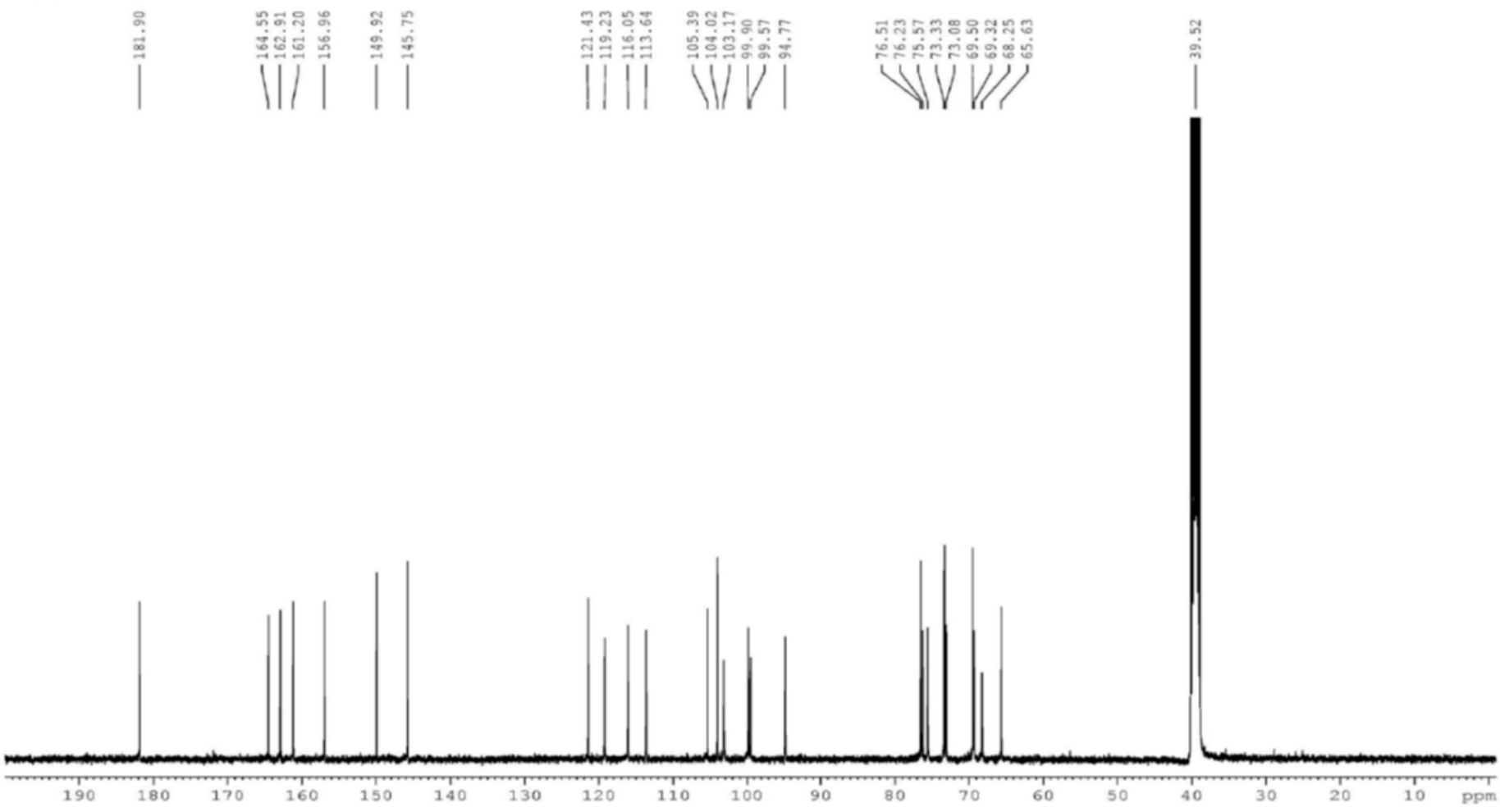

Figure S4. ^{13}C NMR spectrum (400.15 MHz, DMSO-*d*$_6$) of compound **9**.

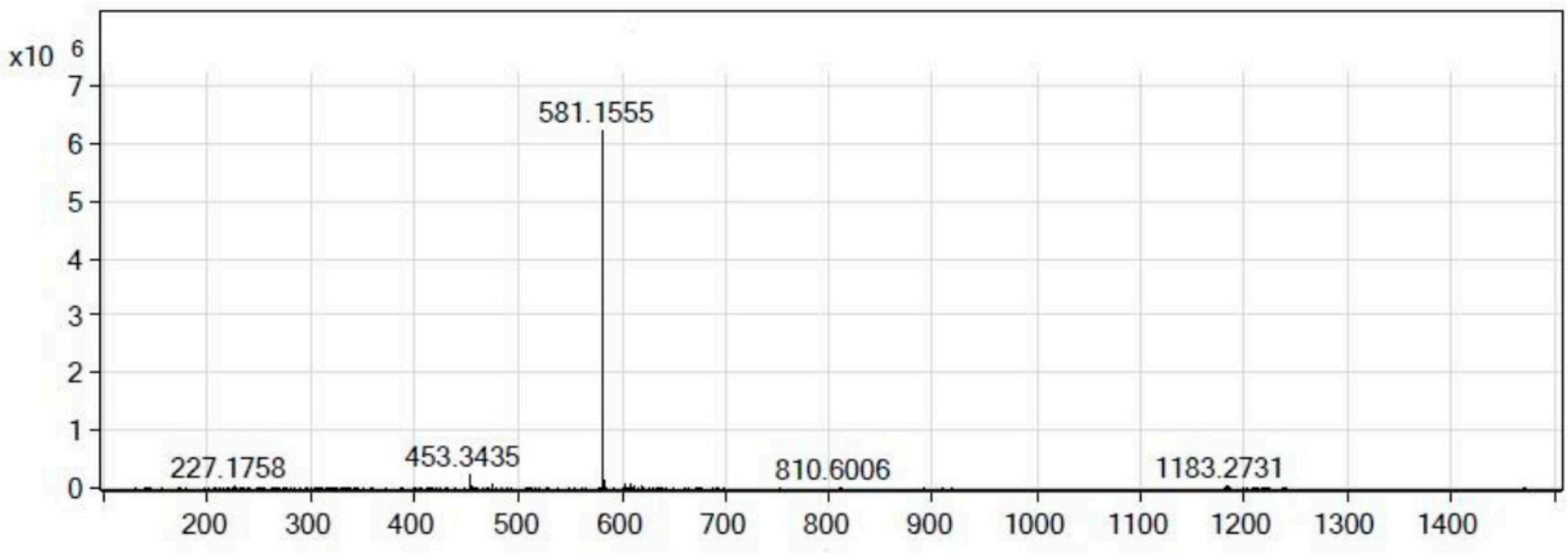

Figure S5. The MS spectrum of compound **9** in positive ion mode.

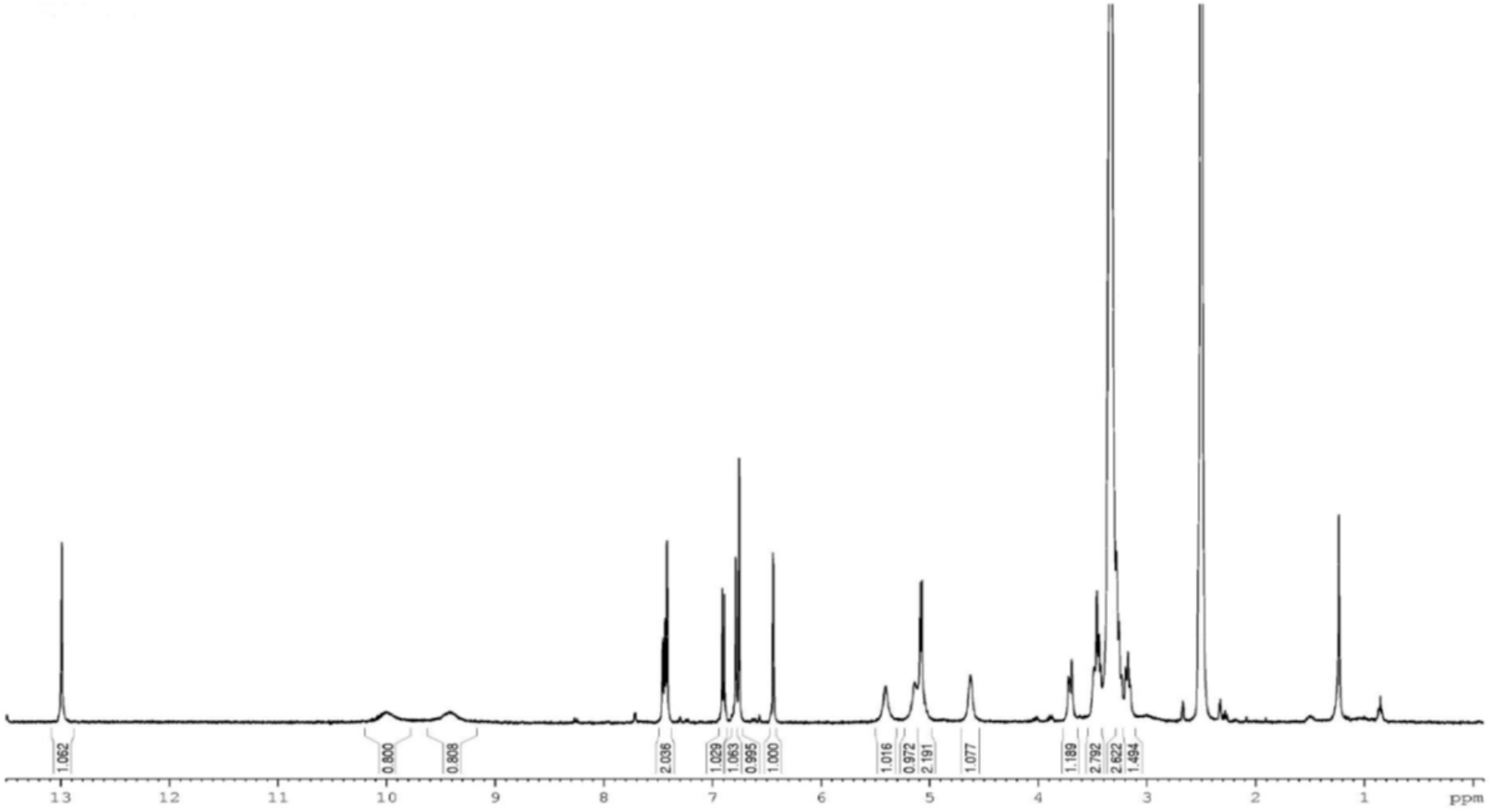

Figure S6. ^{1}H NMR spectrum (400.15 MHz, DMSO-*d*$_6$) of compound **12**.

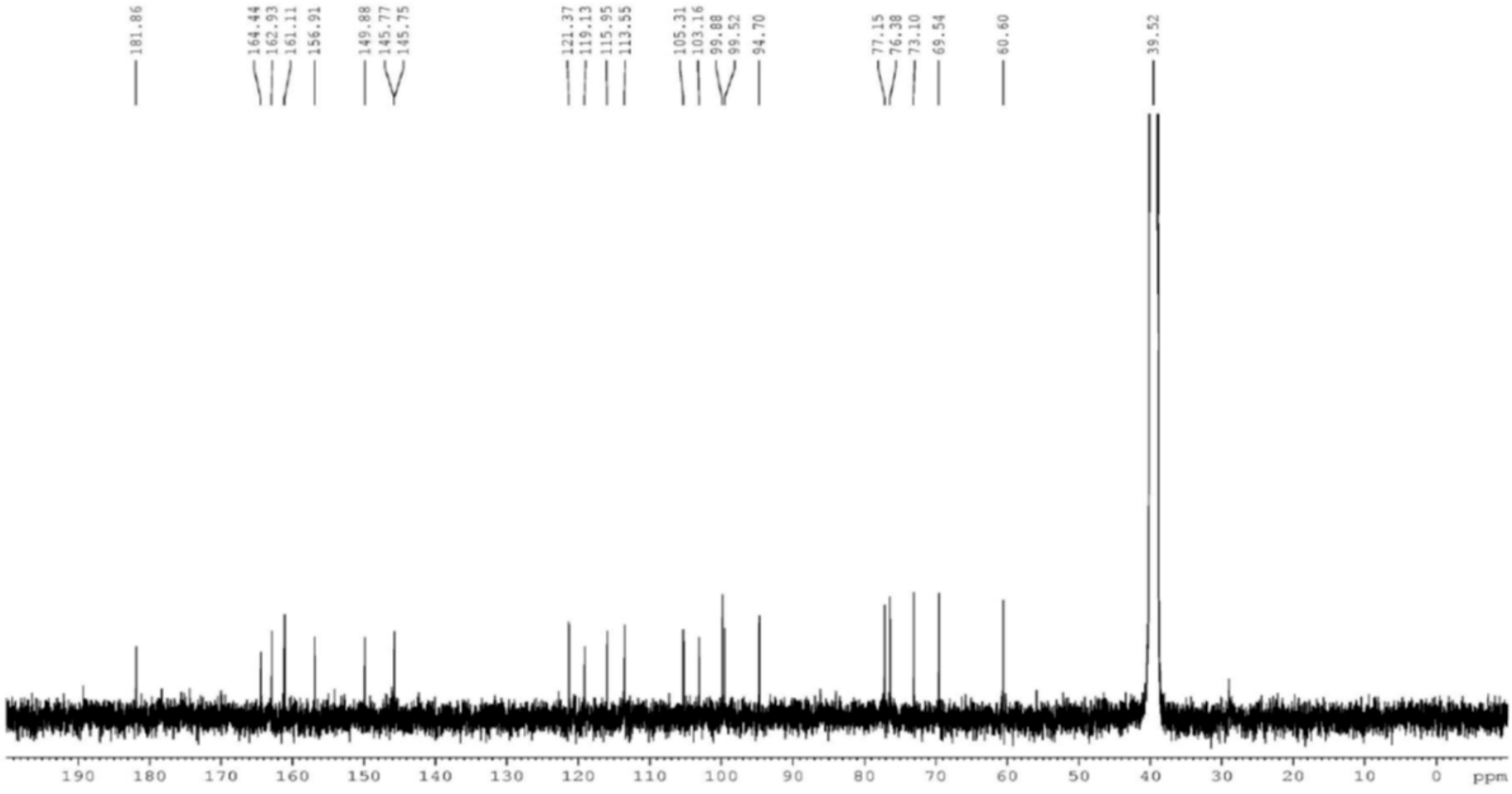

Figure S7. ^{13}C NMR spectrum (400.15 MHz, DMSO-d_6) of compound **12**.

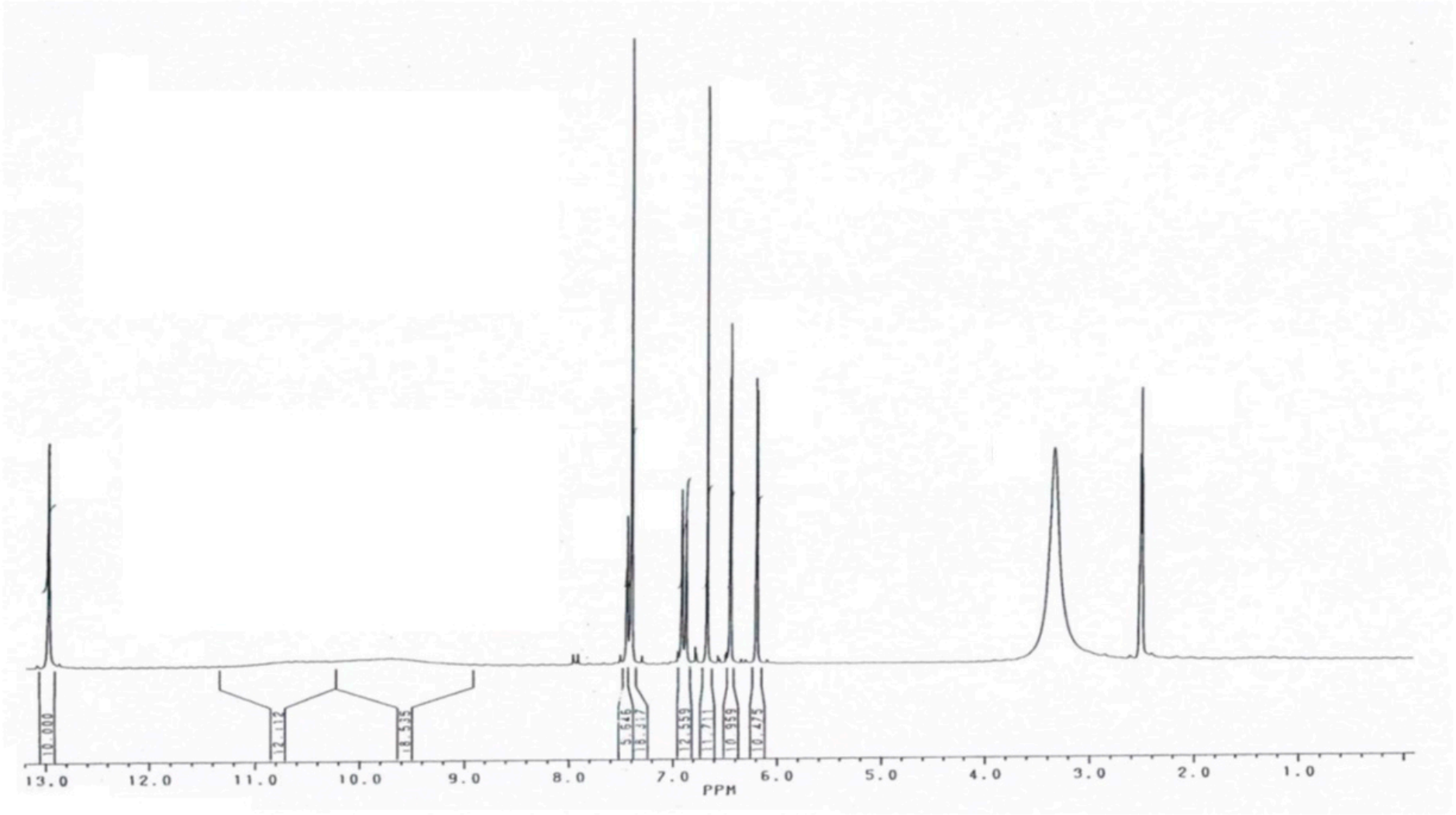

Figure S8. ^{1}H NMR spectrum (400.3 MHz, DMSO-d_6) of compound **22**.

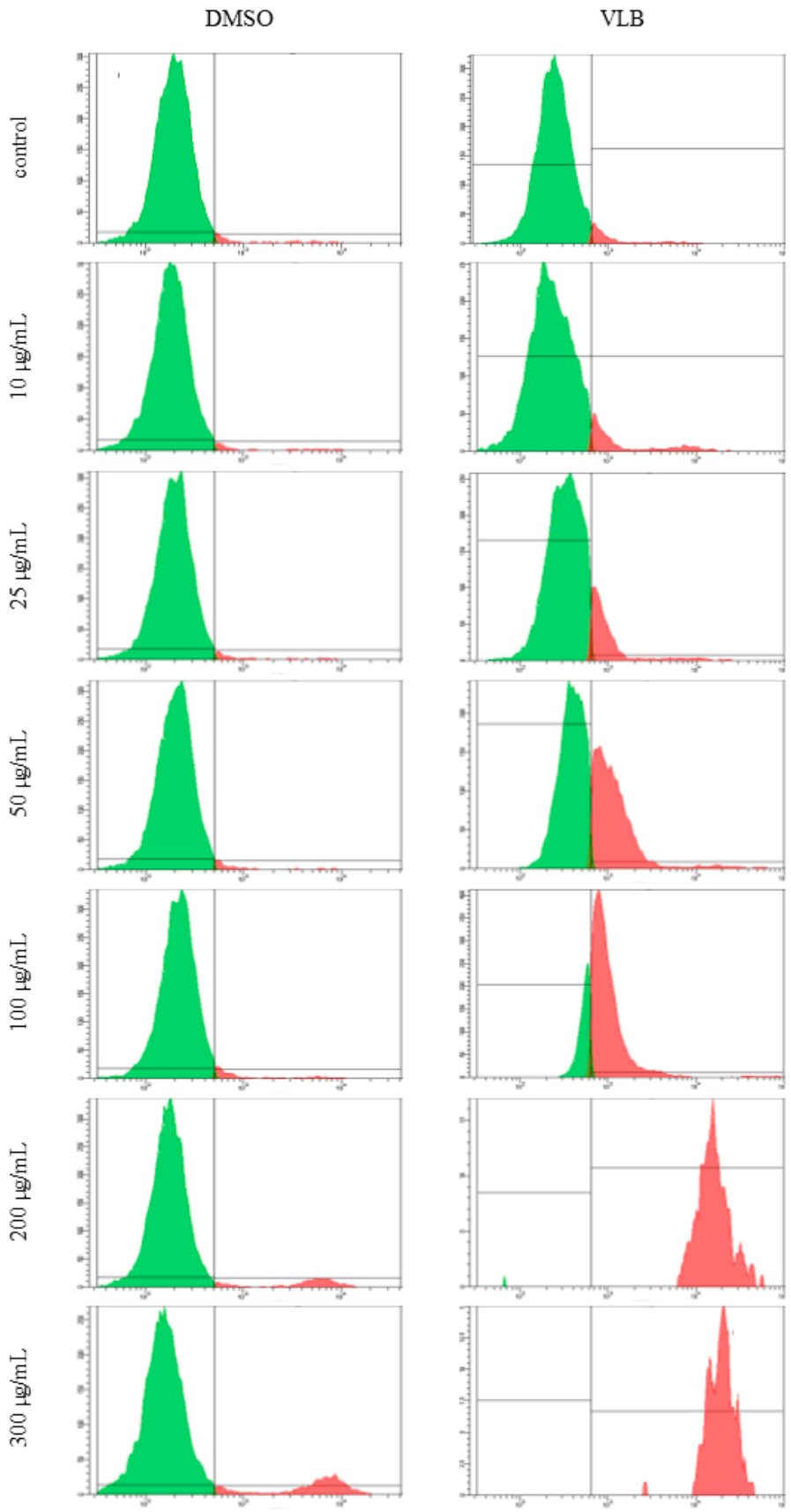

Figure S9. Flow cytometric analysis of cytotoxicity of C32 melanoma cells after 24 h of incubation with DMSO and VLB (10, 25, 50, 100, 200, and 300 µg/mL) comparable with untreated control by the Fixable Viability Stain assay.

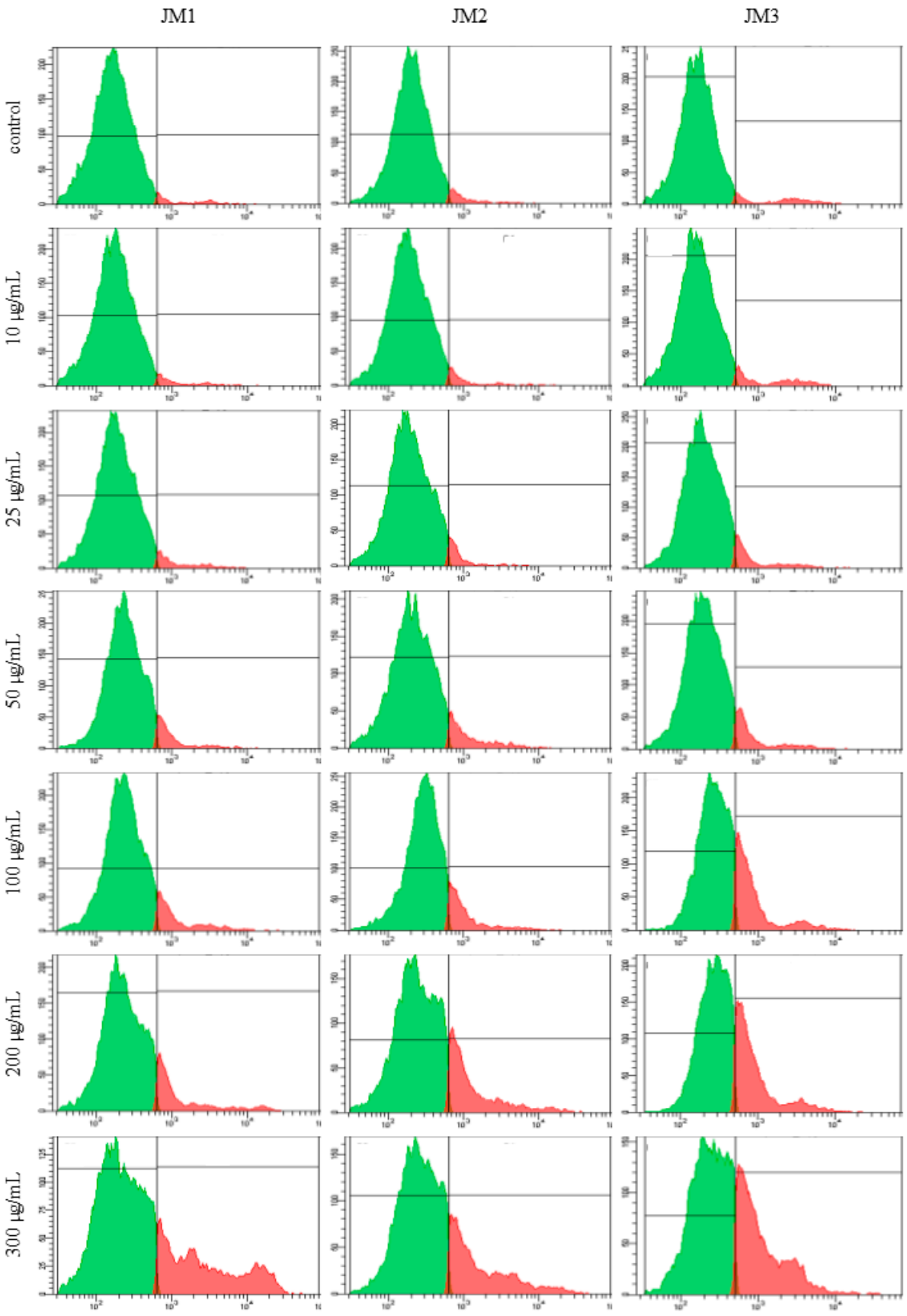

Figure S10. Flow cytometric analysis of cytotoxicity of C32 melanoma cells after 24 h of incubation with **JM1**–**JM3** (10, 25, 50, 100, 200, and 300 µg/mL) comparable with untreated control by the Fixable Viability Stain assay.

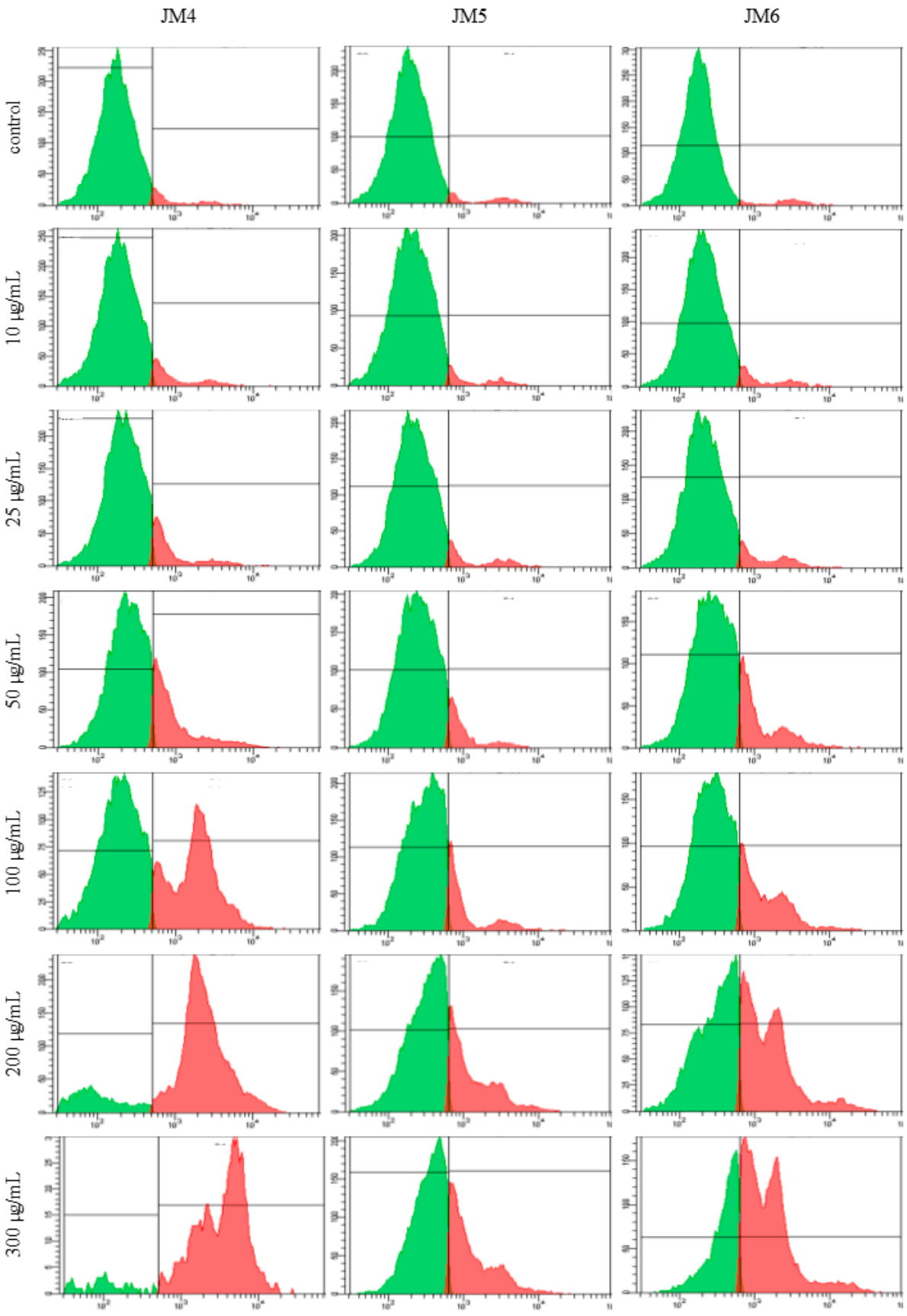

Figure S11. Flow cytometric analysis of cytotoxicity of C32 melanoma cells after 24 h of incubation with **JM4**–**JM6** (10, 25, 50, 100, 200, and 300 µg/mL) comparable with untreated control by the Fixable Viability Stain assay.

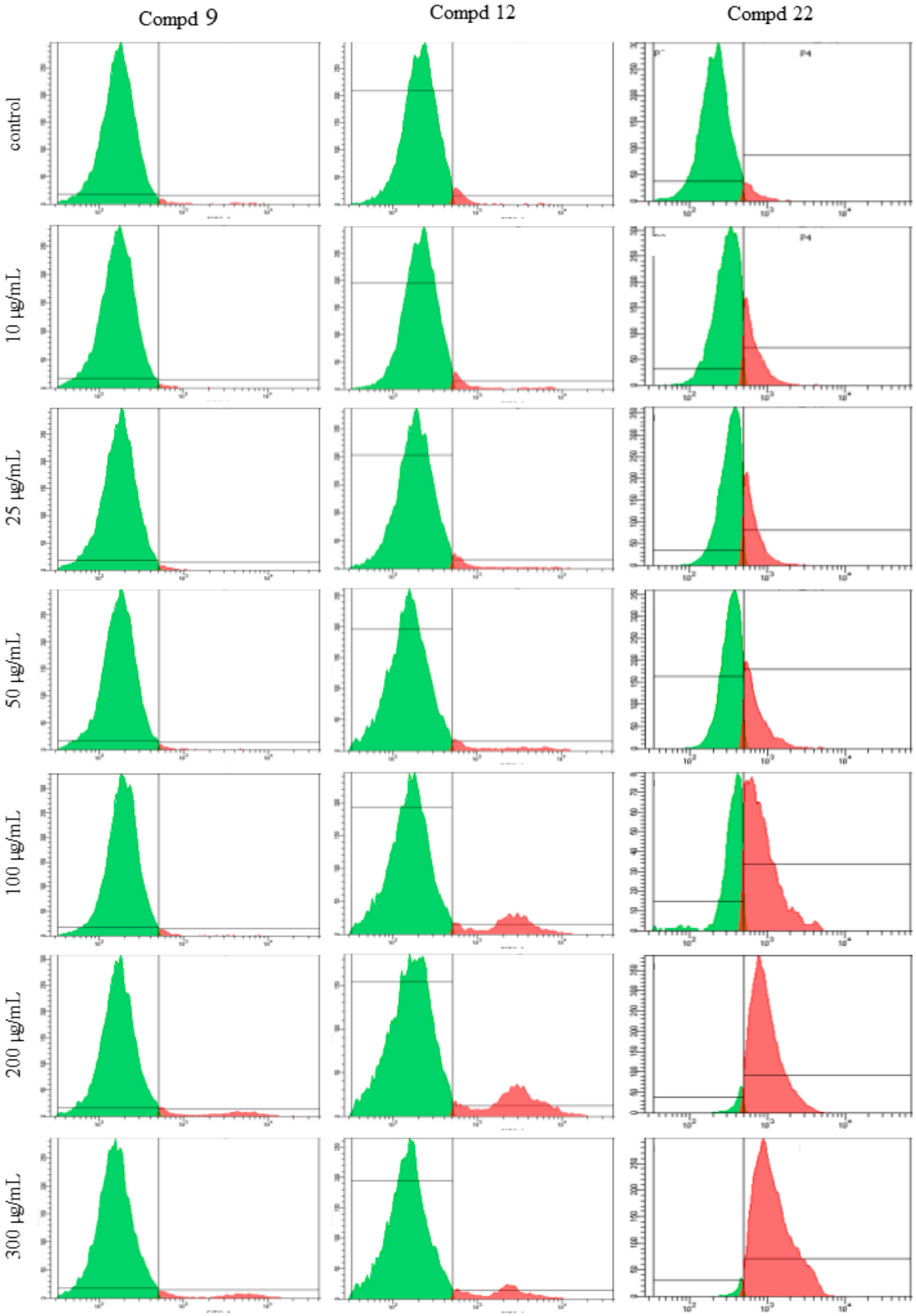

Figure S12. Flow cytometric analysis of cytotoxicity of C32 melanoma cells after 24 h of incubation with compound **9**, **12**, and **22** (10, 25, 50, 100, 200, and 300 µg/mL) comparable with untreated control by the Fixable Viability Stain assay.

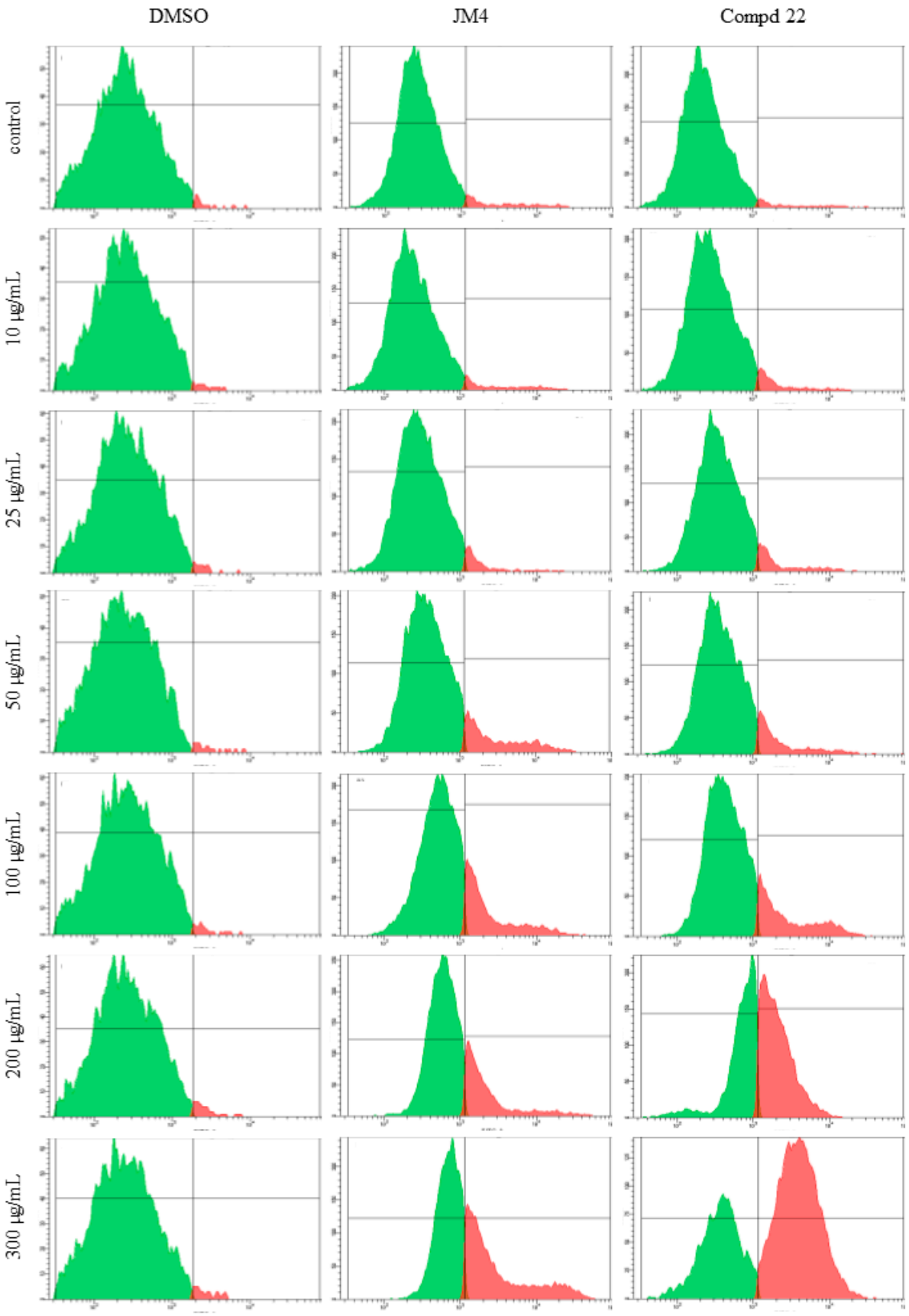

Figure S13. Flow cytometric analysis of cytotoxicity of normal human fibroblasts cells after 24 h of incubation with DMSO, **JM4**, and compound **22** (10, 25, 50, 100, 200, and 300 µg/mL) comparable with untreated control by the Fixable Viability Stain assay.