Supplementary Information

A New Furanoheliangolide Sesquiterpene Lactone from *Calea pinnatifida* (R. Br.) Less. (Asteraceae) and Evaluation of Its Trypanocidal and Leishmanicidal Activities

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![NMR Spectrum](image)

**Figure S1.** $^1$H NMR spectrum (600 MHz, CDCl$_3$) of compound 1.

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Figure S2. Expanded $^1$H NMR spectrum (600 MHz, CDCl$_3$) of compound 1.

Figure S3. Expanded $^1$H NMR spectrum (600 MHz, CDCl$_3$) of compound 1.
Figure S4. COSY correlation map (600 MHz, CDCl₃) of compound 1.

Figure S5. HSQC correlation map (600 MHz, CDCl₃) of compound 1.

Figure S6. HMBC correlation map (600 MHz, CDCl₃) of compound 1.
Figure S7. NOESY correlation map (300 MHz, acetone-$d_6$) of compound 1.

Figure S8. HRESIMS spectra (negative mode) of compound 1.

Figure S9. HRESIMS spectra (positive mode) of compound 1.
Figure S10. Total ion chromatogram (TIC) of crude extract of *C. pinnatifida* in negative mode (retention time of compound 1 is 12.91 min).

Figure S11. Mass spectra of total ion chromatogram (TIC) in negative mode (*m/z* 377.1236 is attributed to [M – H]⁻ from furanoheliangolide).

Figure S12. Mass spectra of the peak at retention time 12.91 min, in negative mode.
Figure S13. Full MS² of the peak at 12.91 min.

Figure S14. TLC of compounds 6 and 8 on reverse phase (mobile phase: H₂O-MeOH 60:40).