

Synthesis of Racemic and Chiral Albicanol, Albicanyl Acetate and Cyclozonarone.
Cytotoxic Activity of *ent*-Cyclozonarone

Virginia Delgado,^a Veronica Armstrong,^{*,a} Manuel Cortés^a and Alejandro F. Barrero^b

^aFacultad de Química, Pontificia Universidad Católica de Chile. Casilla 306, Correo 22, Santiago, Chile
^bDepartamento de Química Orgánica, Facultad de Ciencias, Universidad de Granada, 18071 Granada, Spain

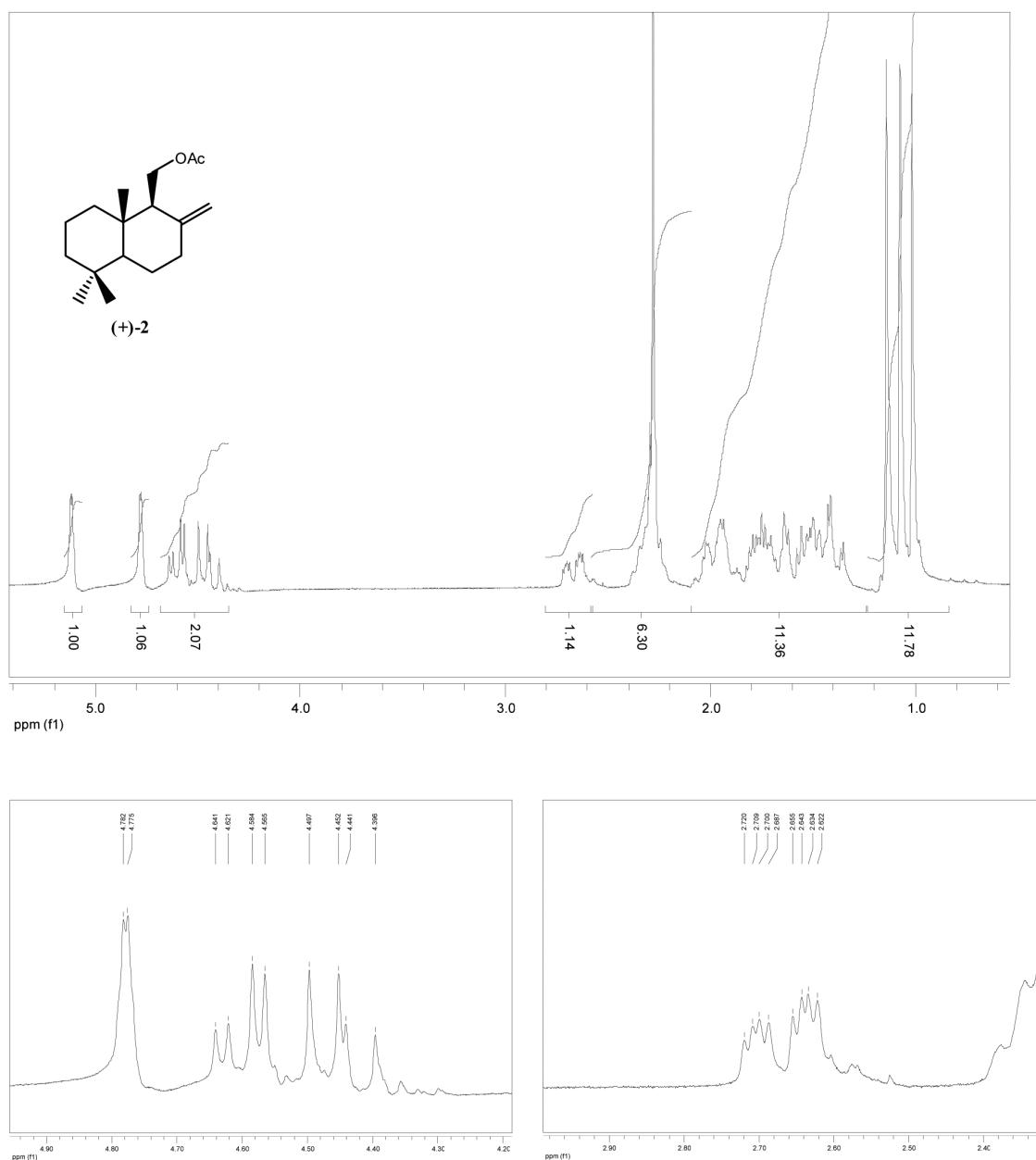


Figure S1. ¹H NMR for albicanyl acetate (+)-2.

*e-mail: aarmstrl@uc.cl

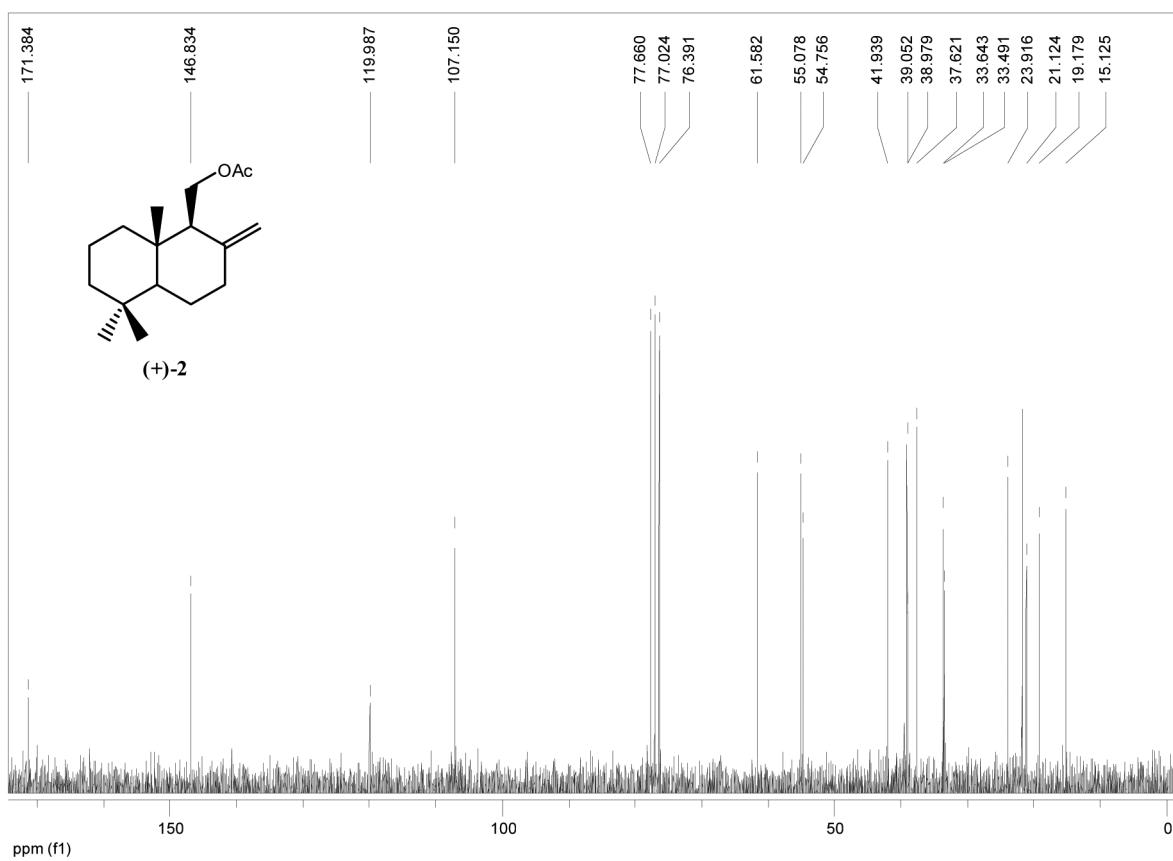


Figure S2. ^{13}C NMR for albicanyl acetate (*+*)-2.

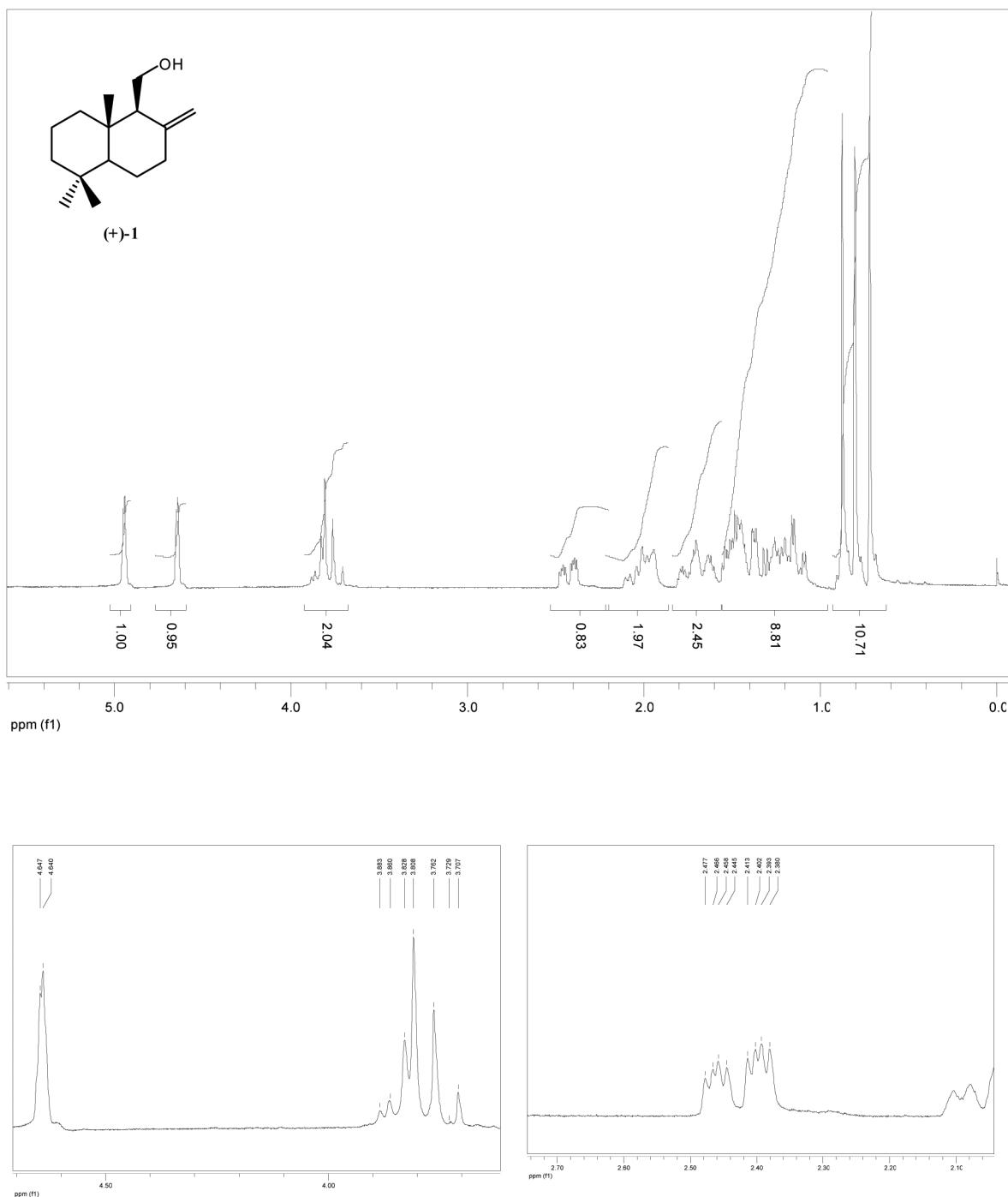


Figure S3. ¹H NMR for albicanol (+)-1.

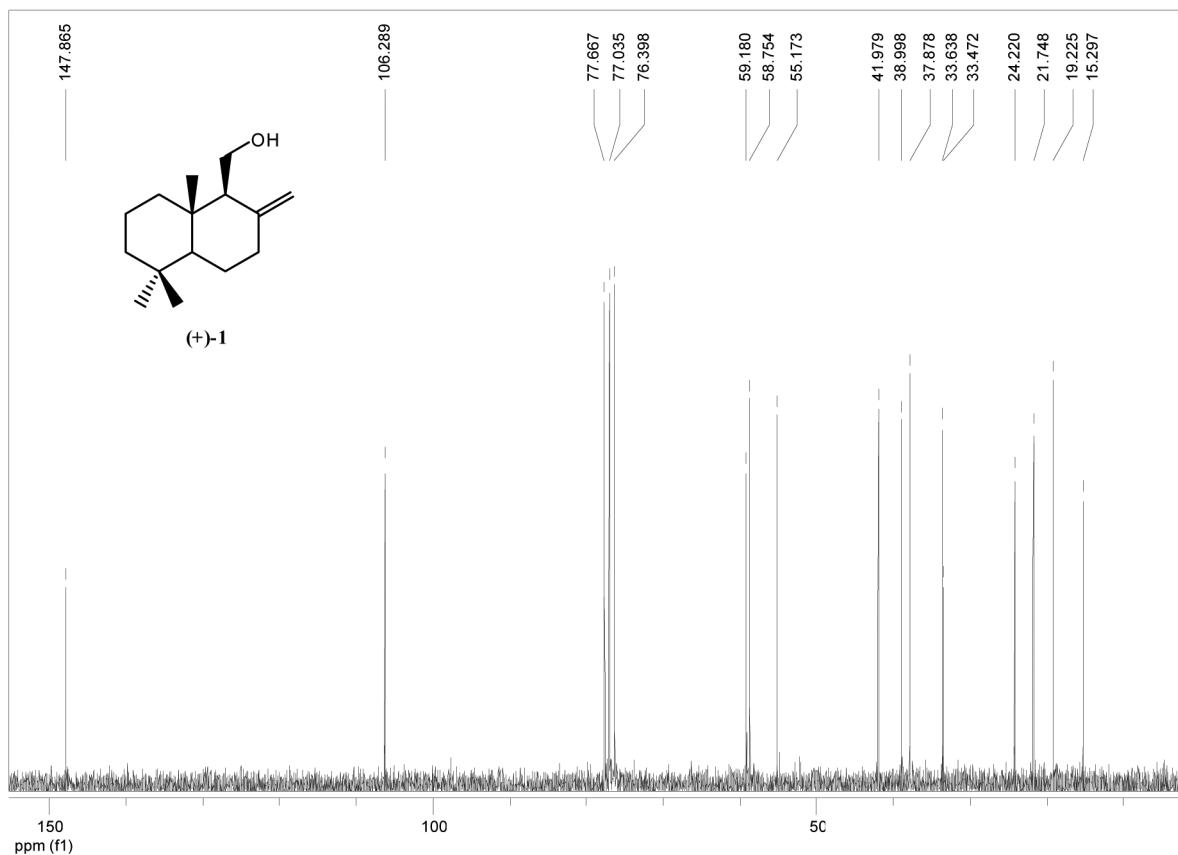


Figure S4. ^{13}C NMR for albicanol (+)-1.

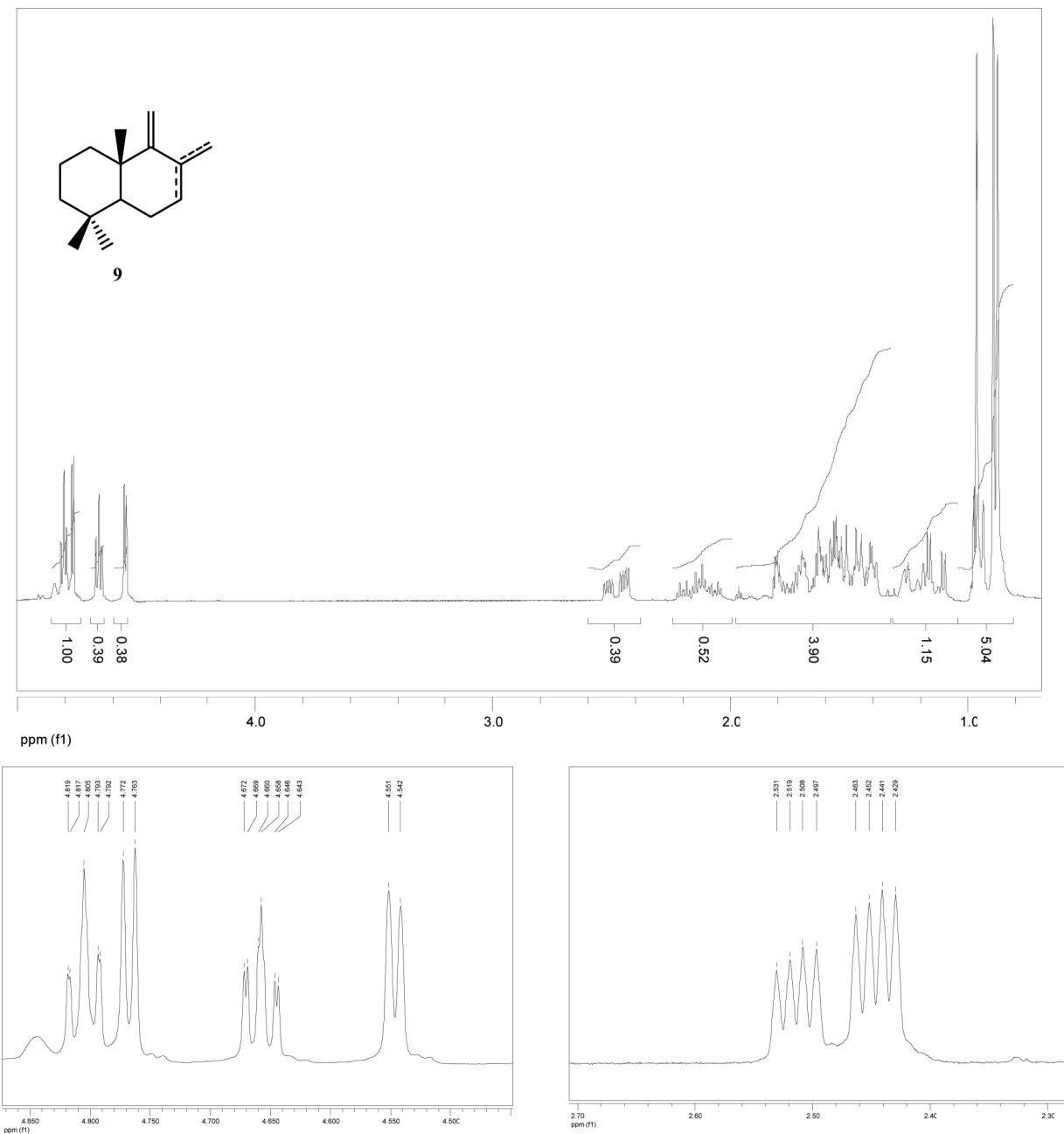


Figure S5. ¹H NMR for diene 9 (*endo:exo* / 1:4).

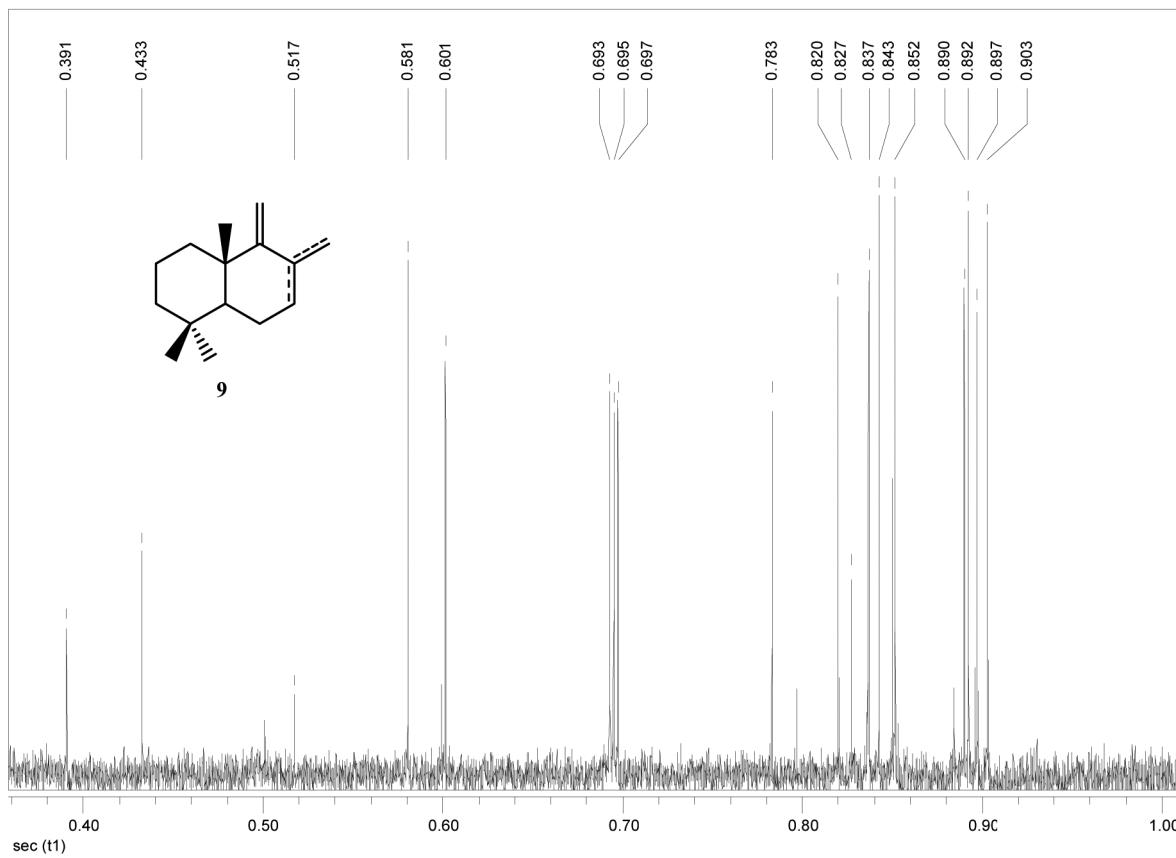


Figure S6. ^{13}C NMR for diene **9** (*endo:exo* / 1:4).

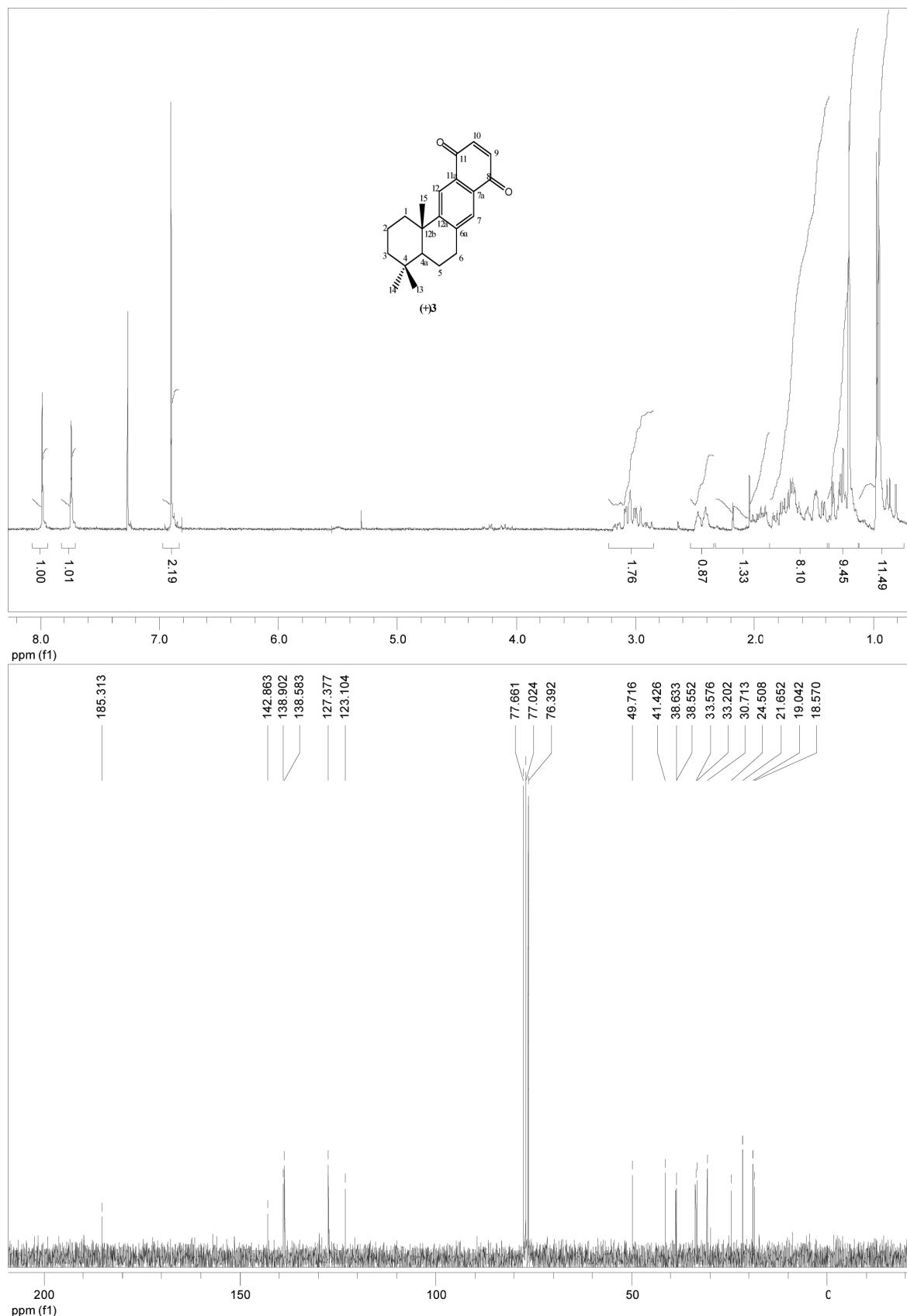


Figure S7. ^1H NMR and ^{13}C -NMR for *ent*-cyclozonarone (*+*)-**3**.

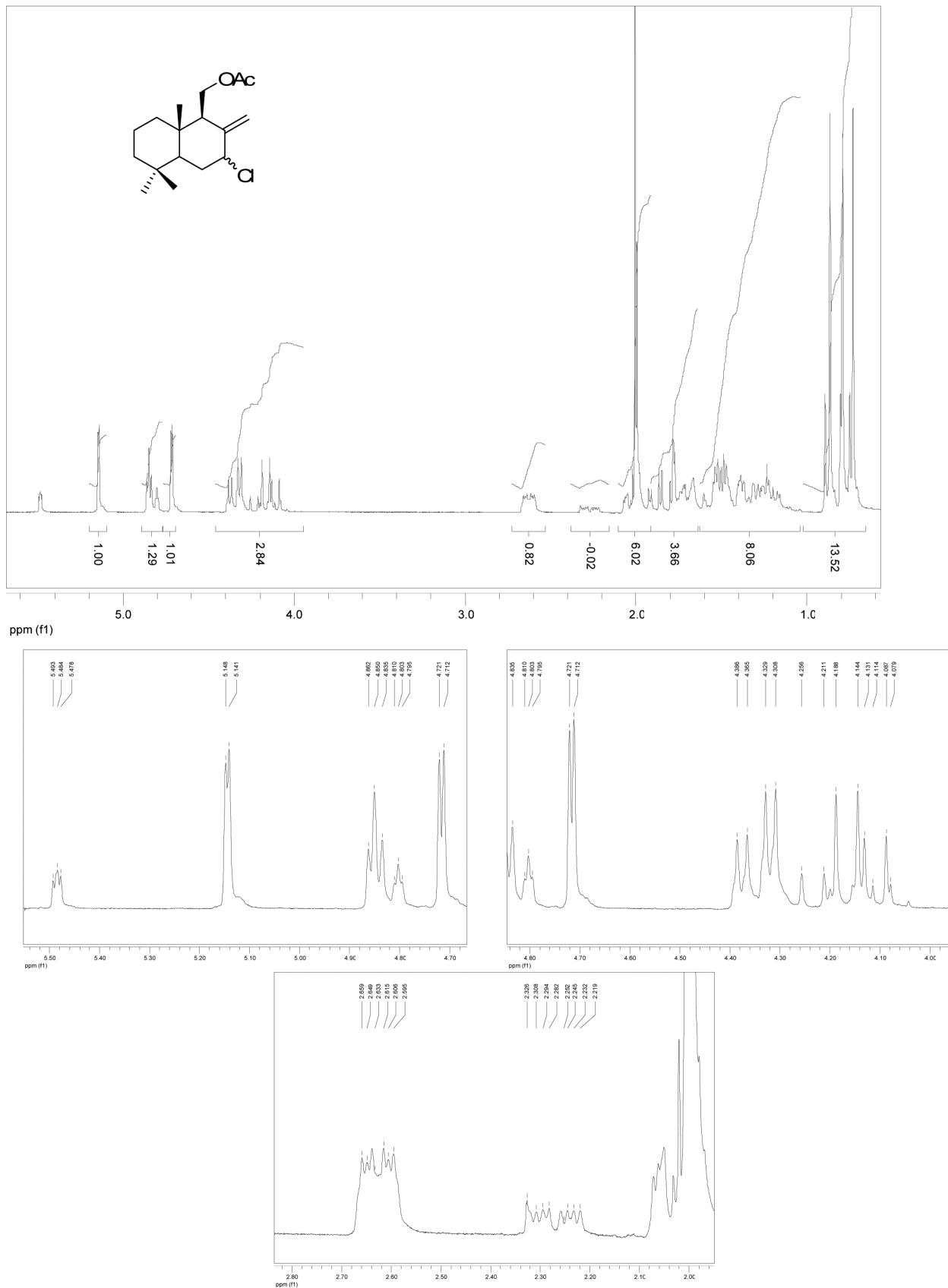


Figure S8. ^1H NMR for 7α and 7β -chloro-albicanyl acetate (\pm)-**7a** and (\pm)-**7b**.

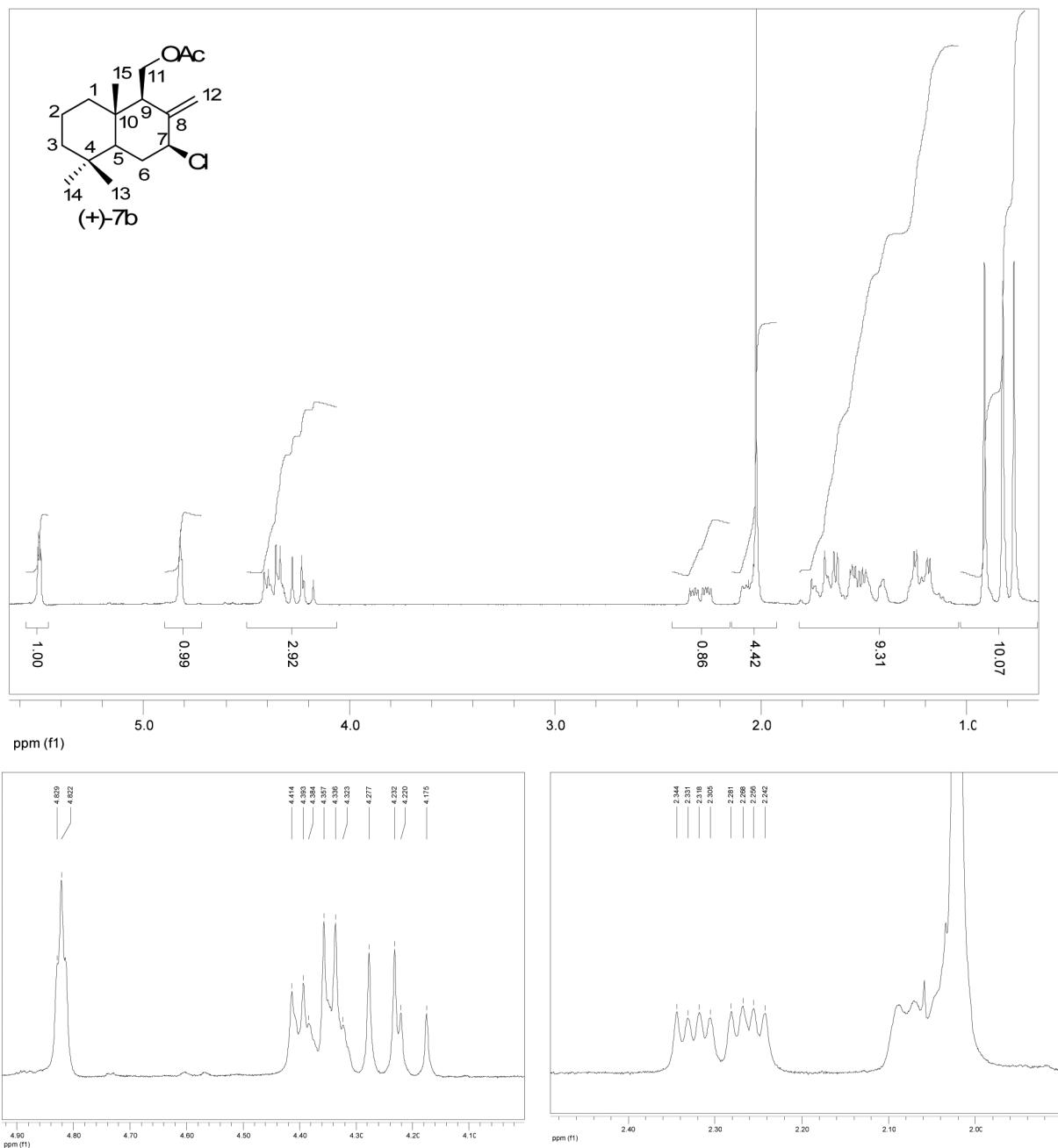


Figure S9. ^1H NMR for (+)-7b (unchanged epimer after $7\alpha, +7\beta$ reduction with Zn).

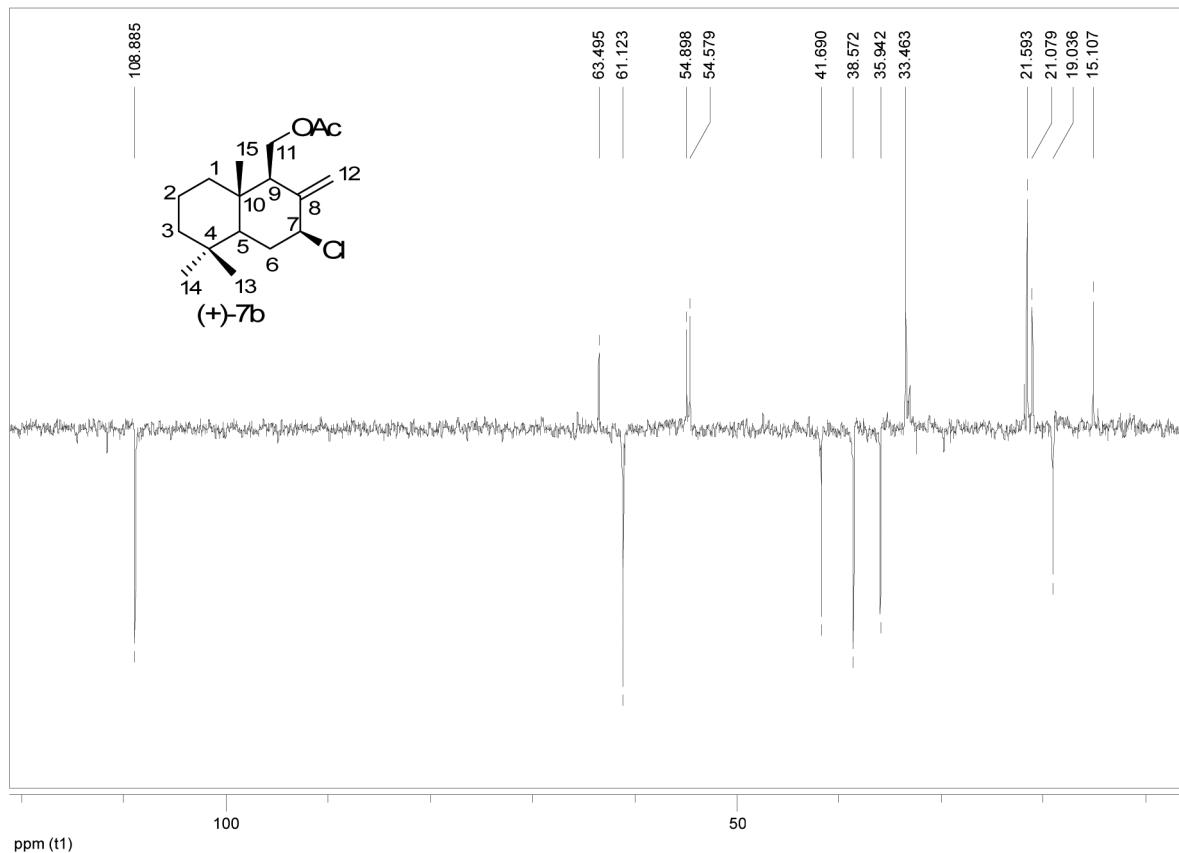
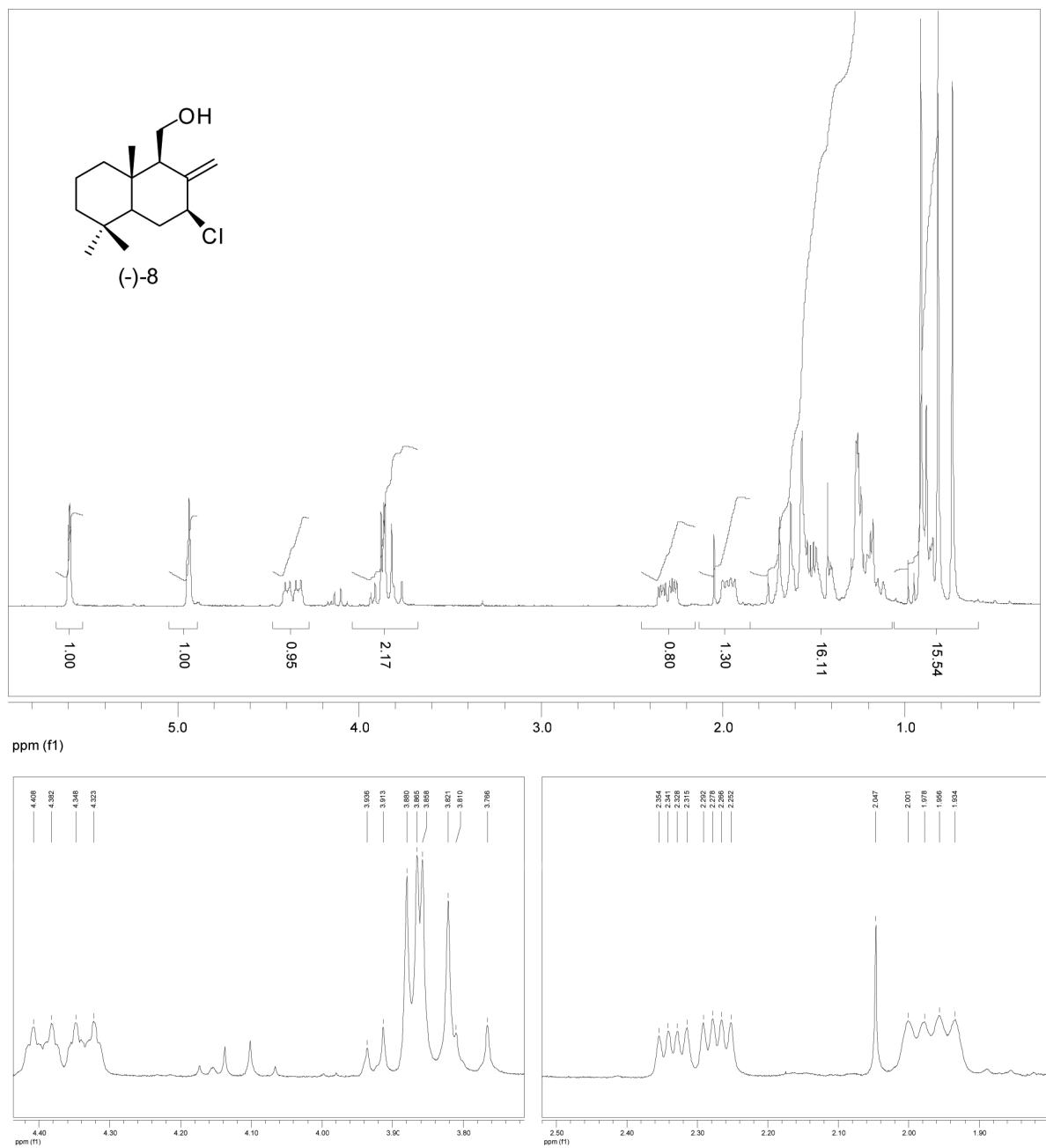


Figure S10. ^{13}C DEPT for (+)-7b.

Figure S11. ¹H NMR for 7β-chloro-albicanol (-)-8.

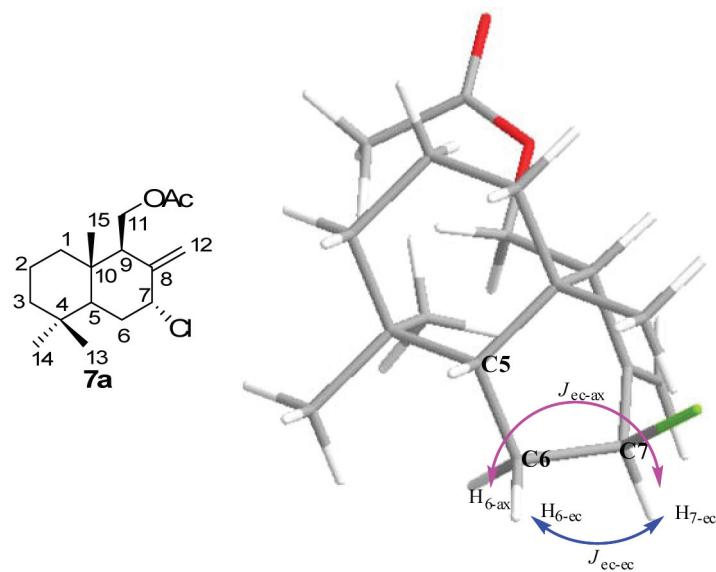


Figure S12. 3D structure for 7α -chloro-albicanyl acetate.

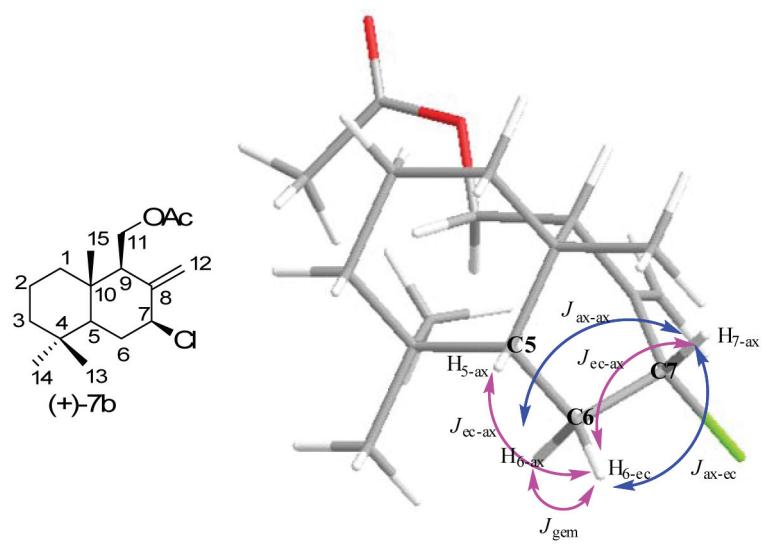


Figure S13. 3D structure for 7β -chloro-albicanyl acetate.

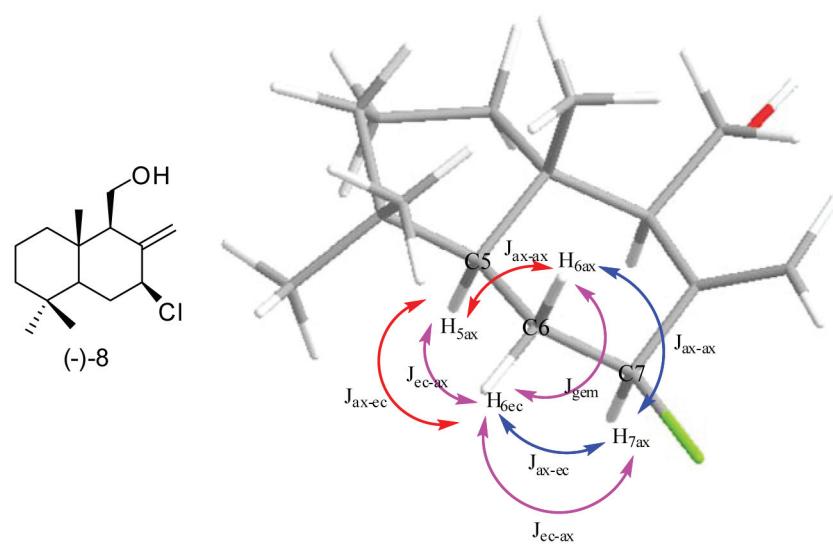


Figure S14. 3D structure for 7 β -chloro-albicanol.