

# **Palladium catalyzed oxidation of renewable terpenes with molecular oxygen: oxidation of $\alpha$ -bisabolol under chloride-free nonacidic conditions**

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## **Supplementary Information**

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Product characterization data -----S1-S3

S1

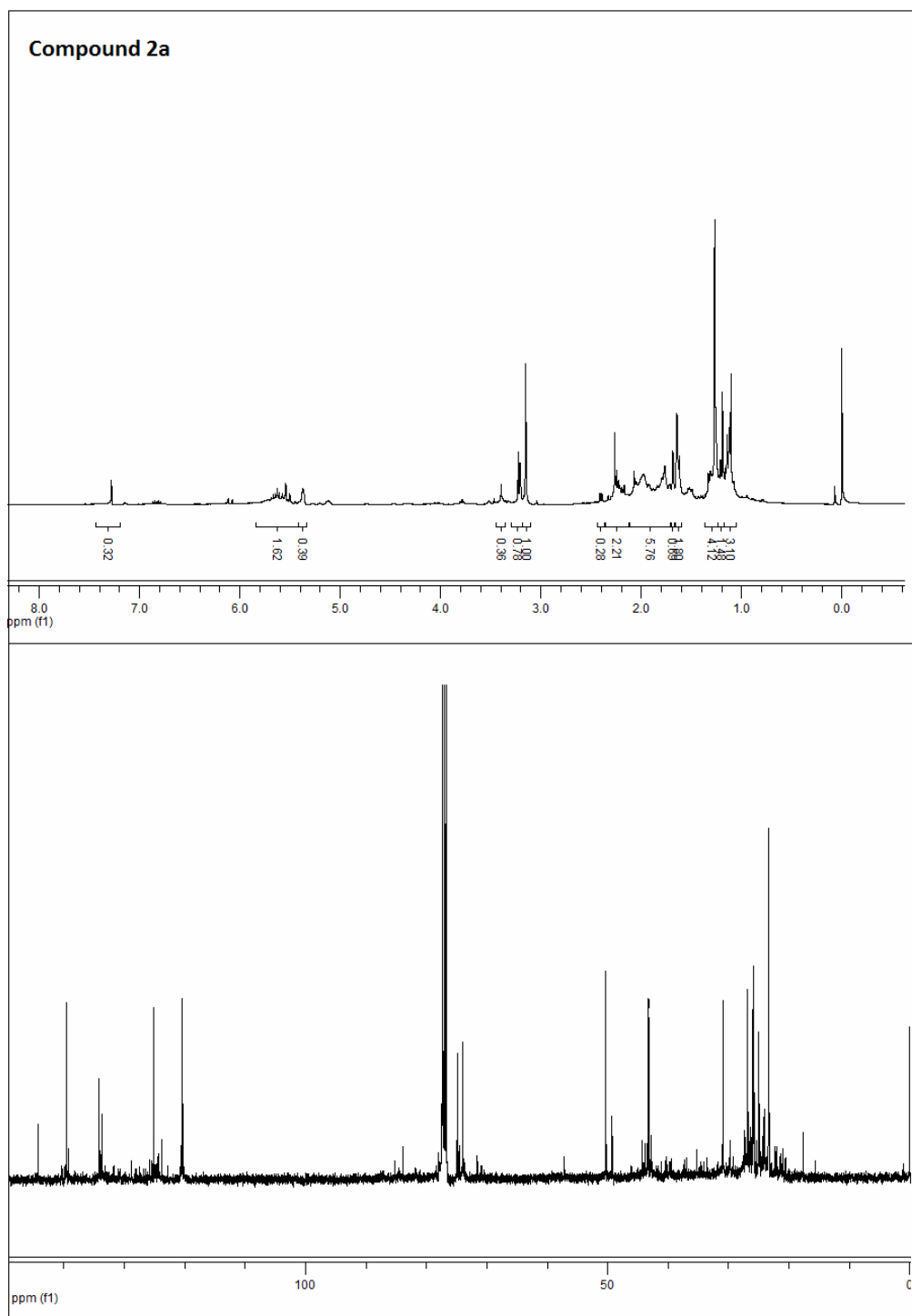


Fig. S1.  $^1\text{H}$  and  $^{13}\text{C}$  spectra of compound 2a

S2

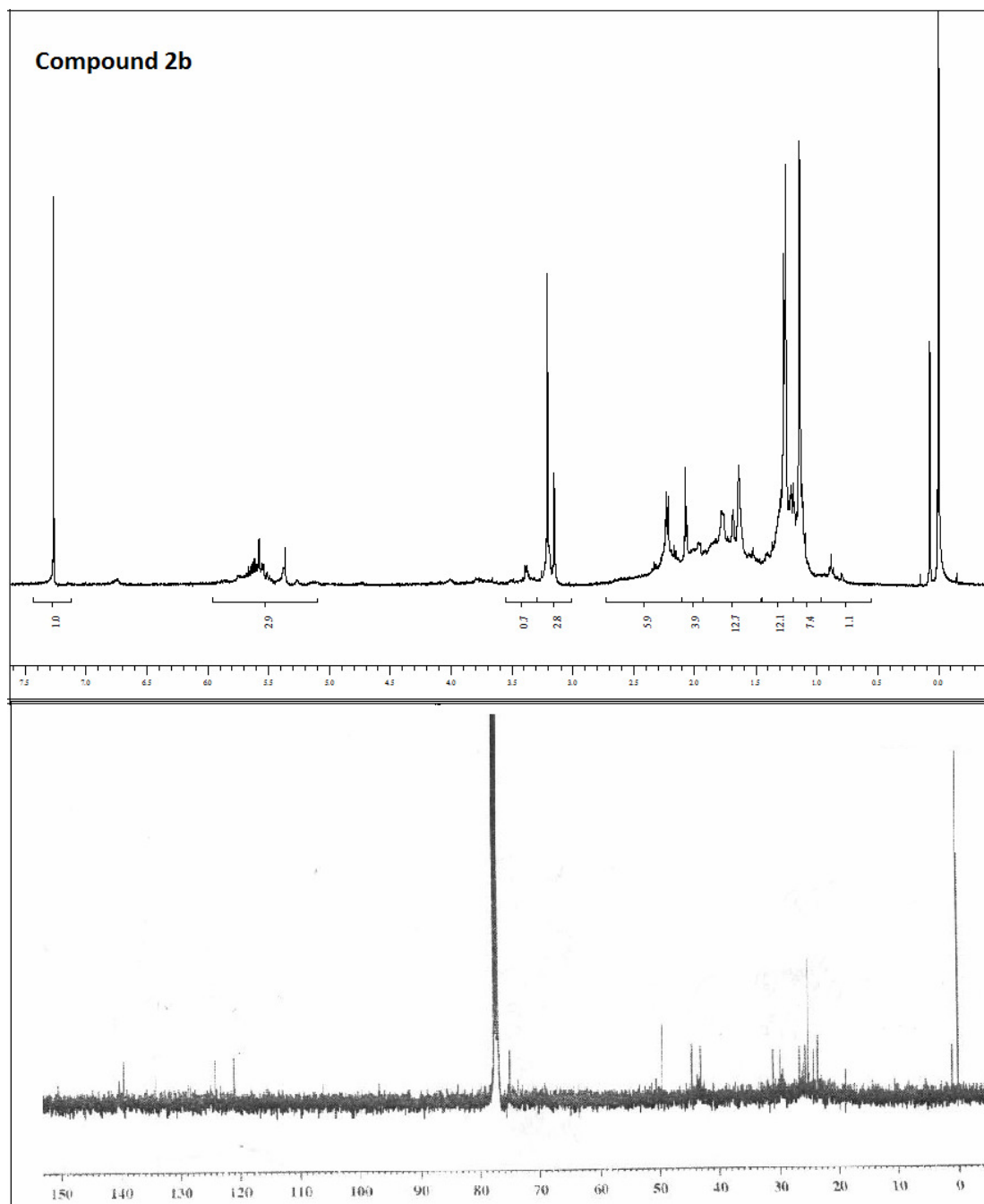


Fig. S2.  $^1\text{H}$  and  $^{13}\text{C}$  spectra of compound 2b

S3

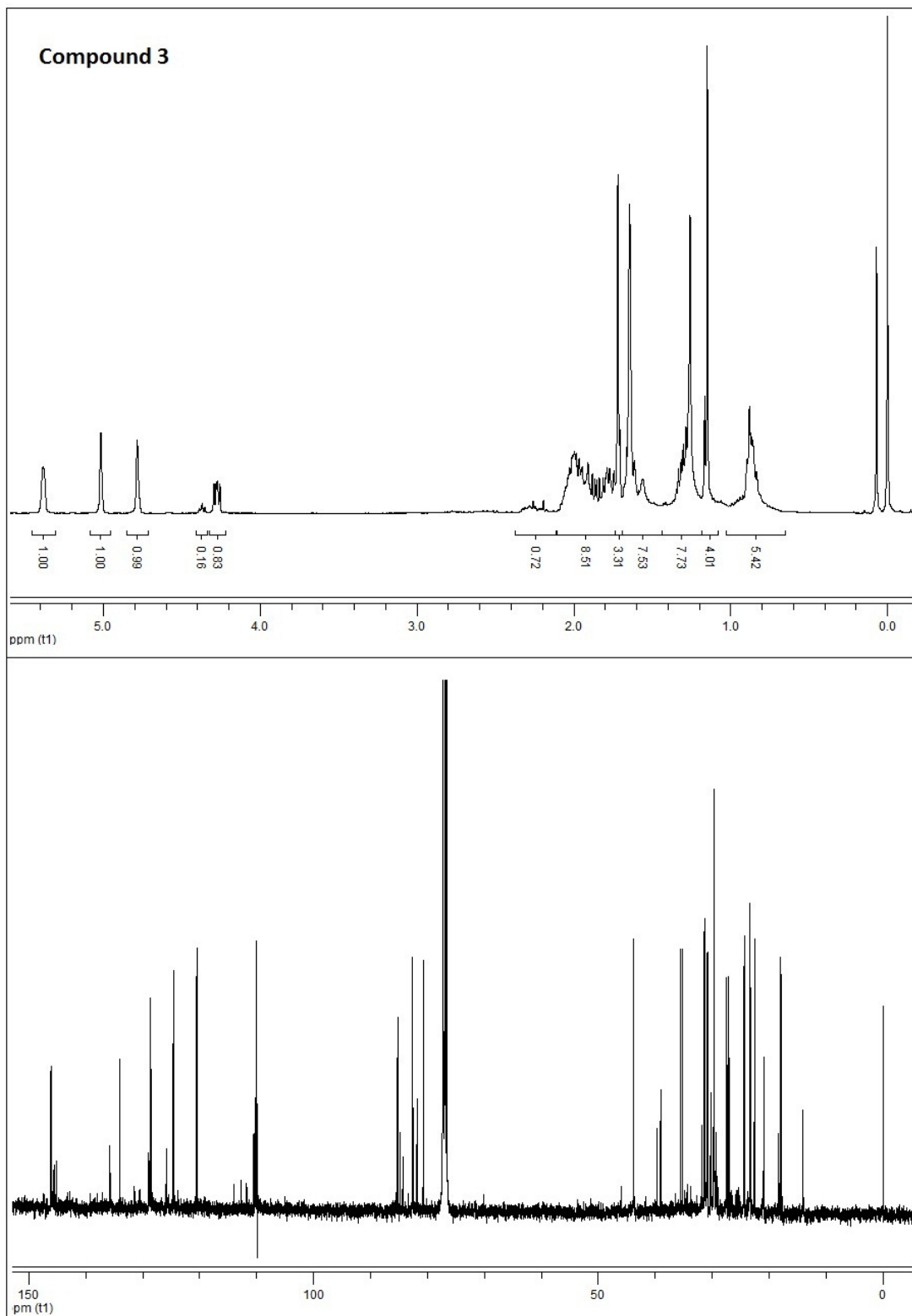


Fig. S3.  $^1\text{H}$  and  $^{13}\text{C}$  spectra of compound 3