

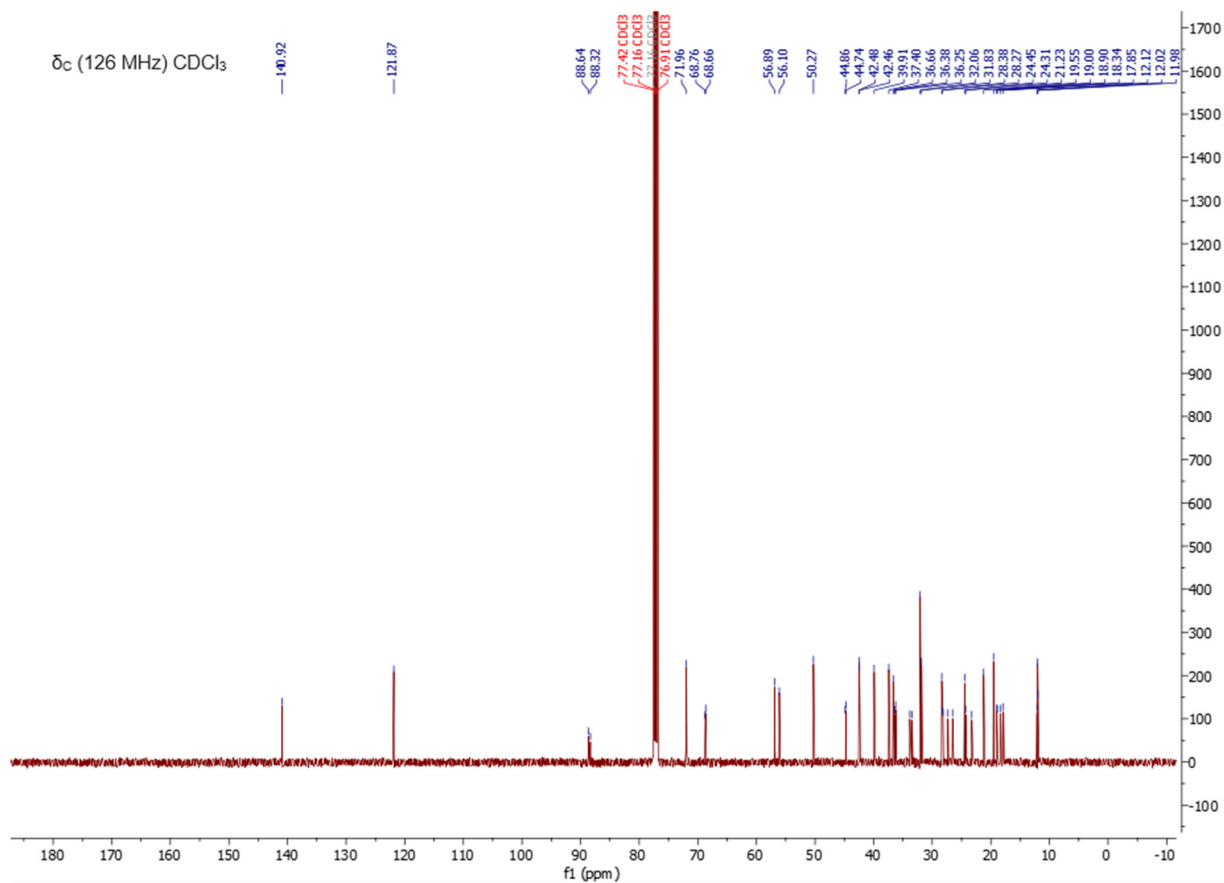
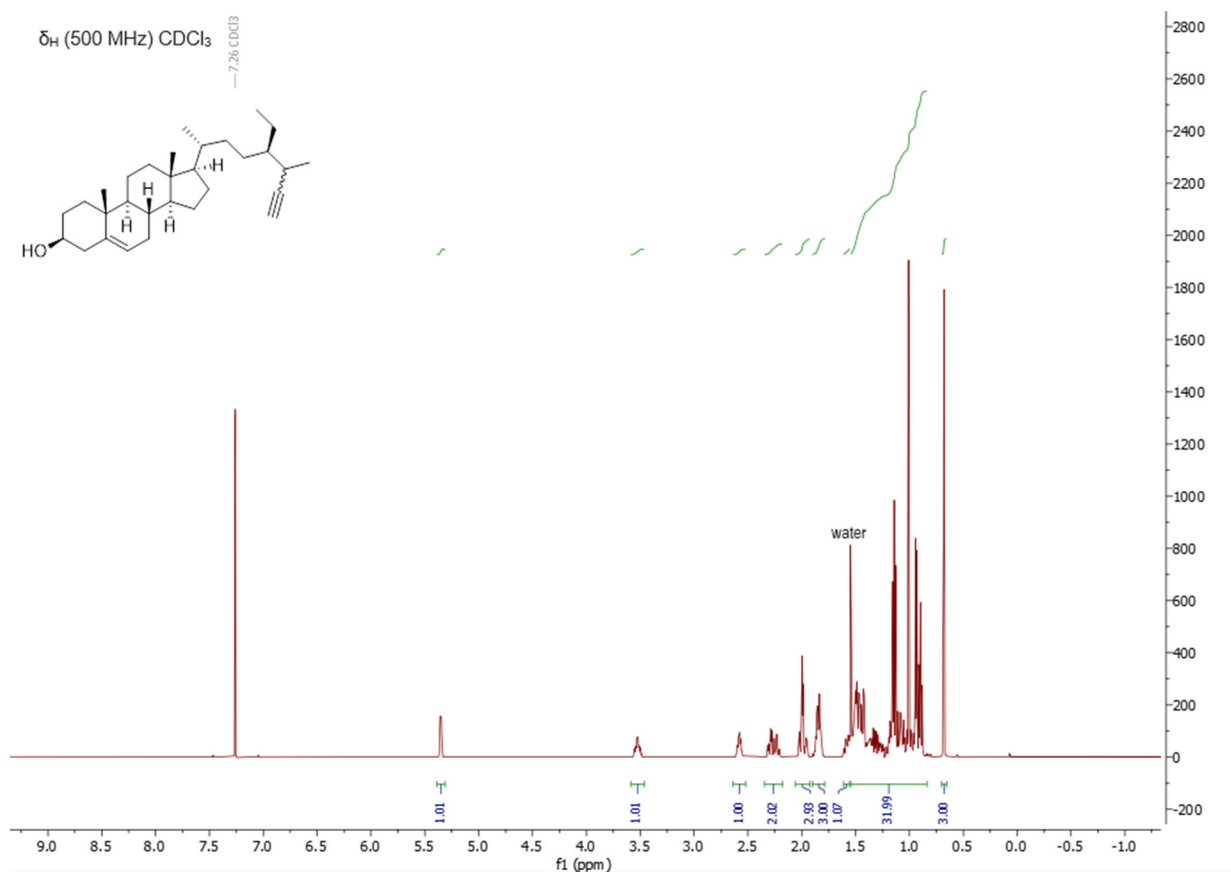
Synthesis of a Side Chain Alkyne Analogue of Sitosterol as a Chemical Probe for Imaging in Plant Cells

MMiriam Hollweck, David Jordan and Franz Bracher *

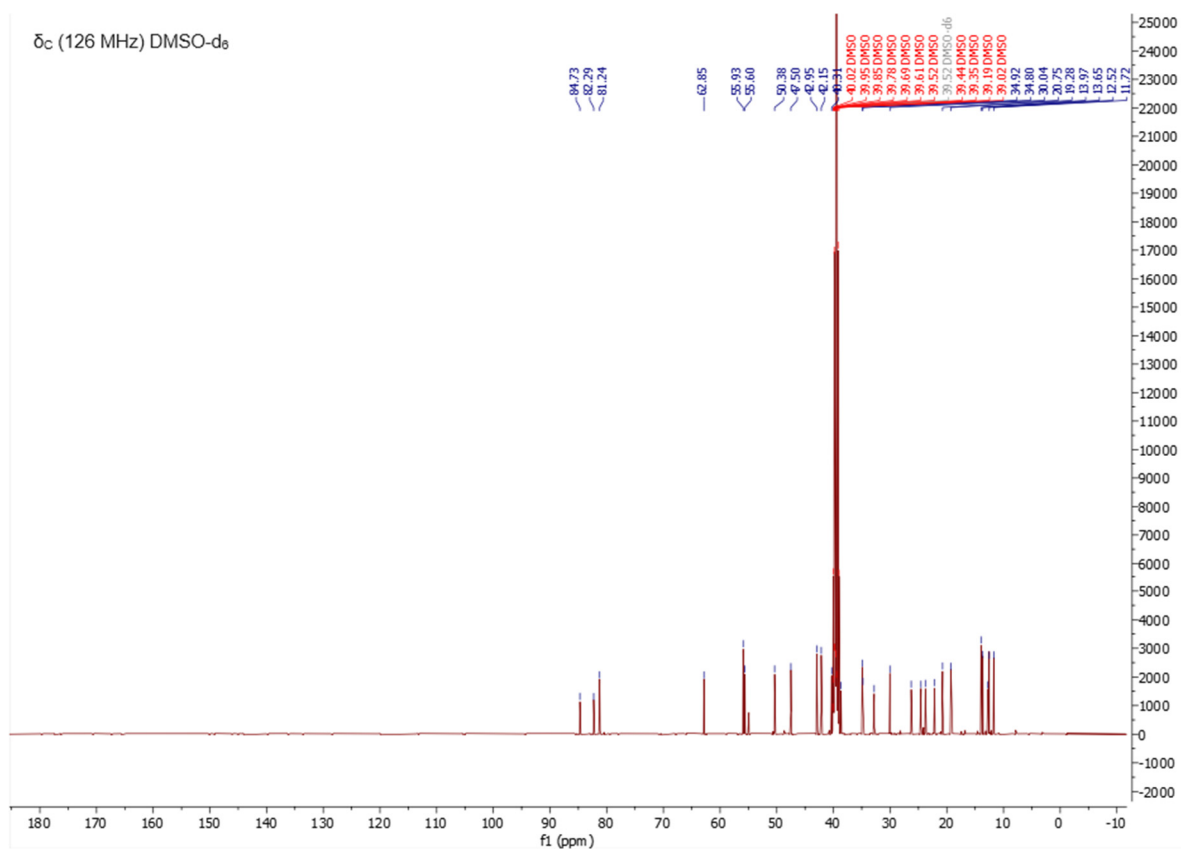
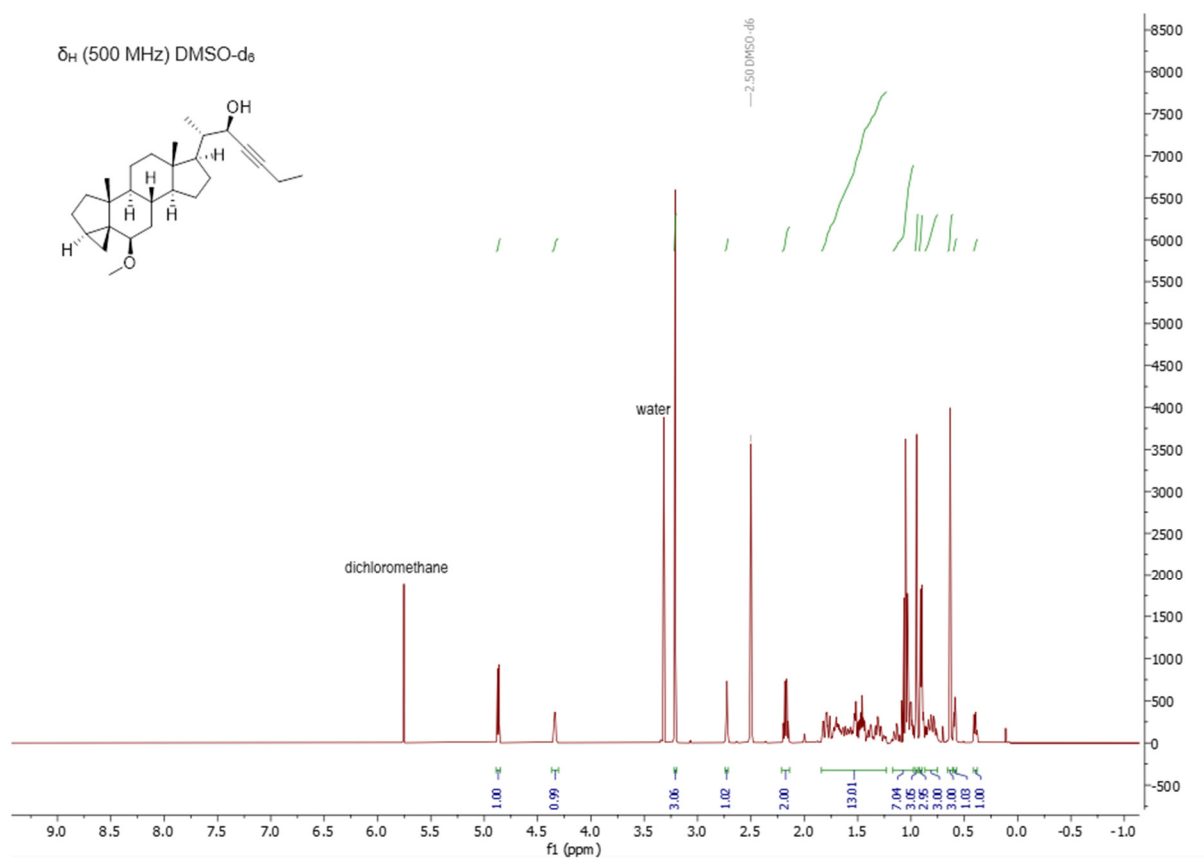
Supporting Information

^1H and ^{13}C NMR spectra of the synthesized compounds

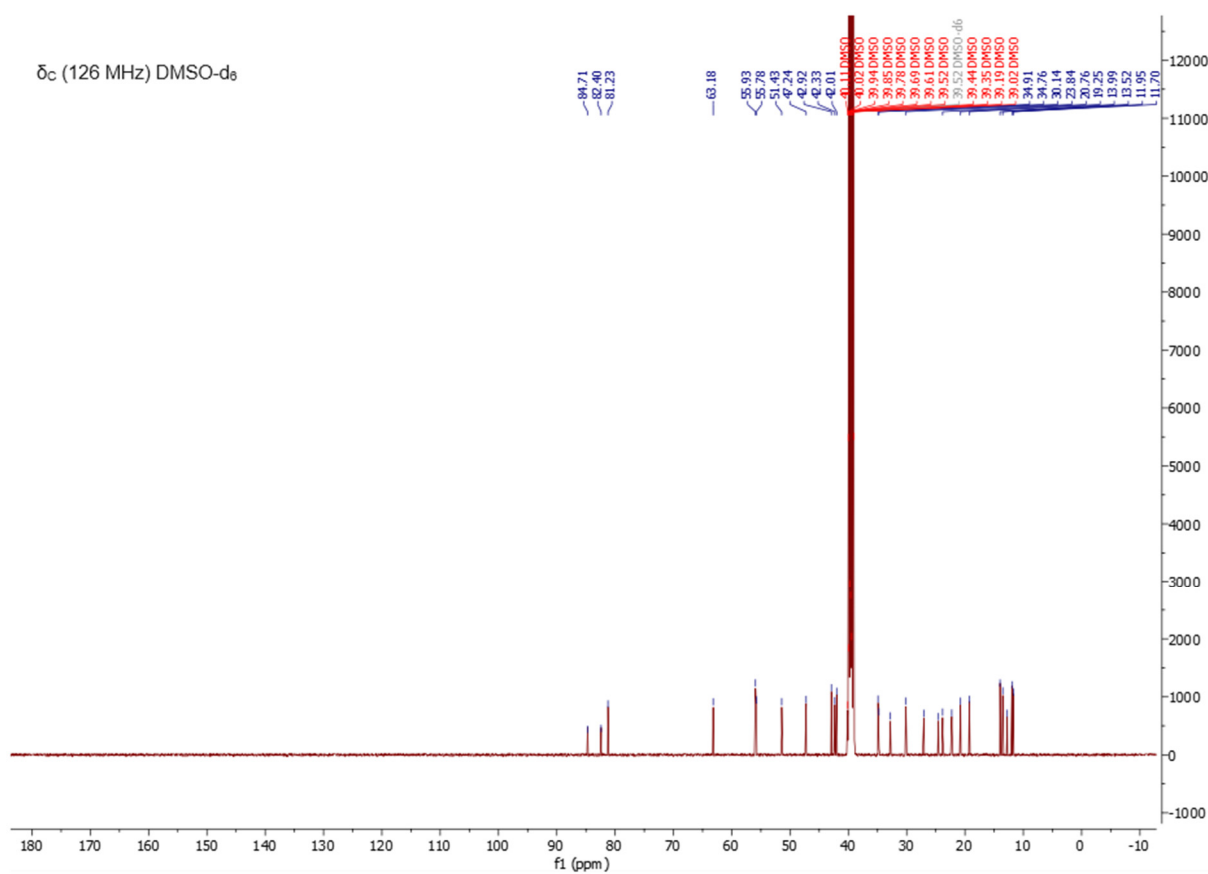
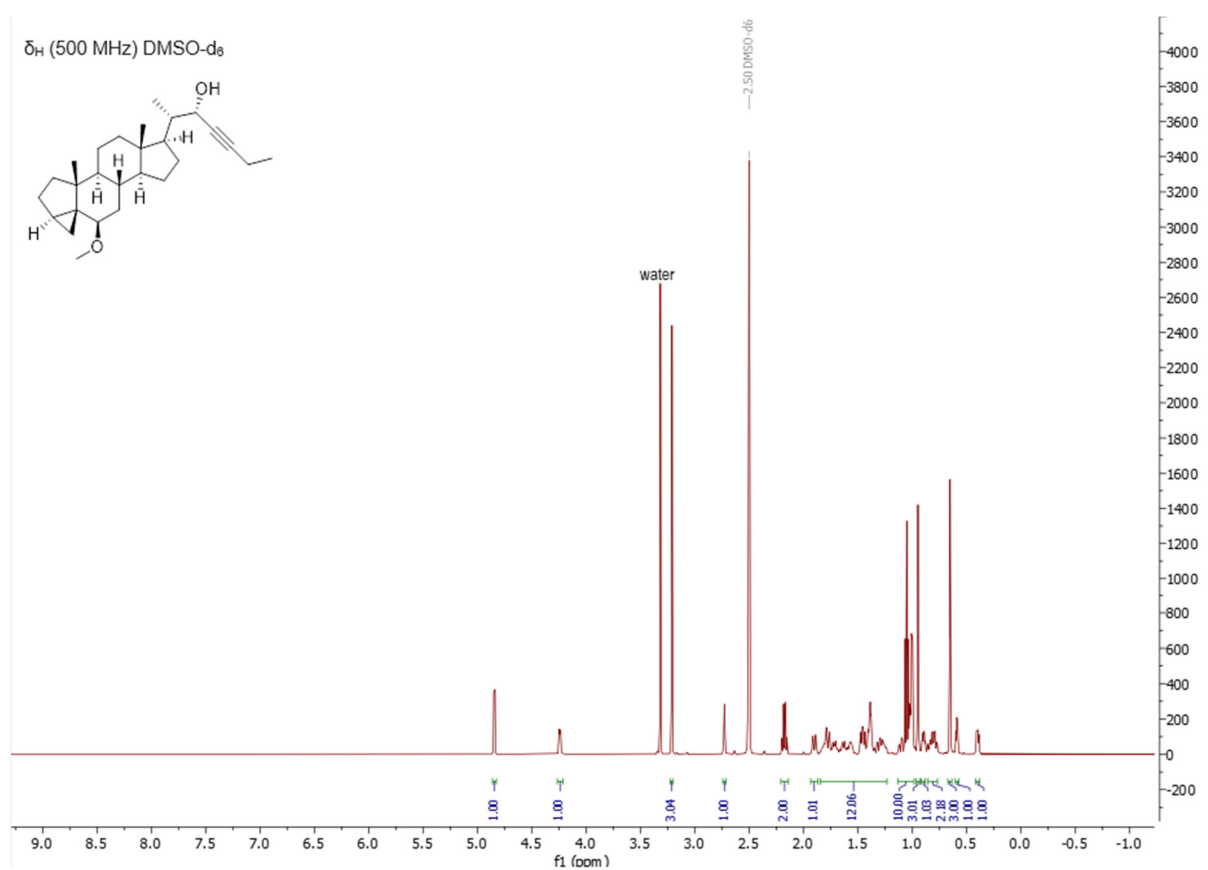
(24*R*,25*RS*)-26-Ethynyl-26-norstigmast-5-ene-3 β -ol, FB-DJ-1 (**4**)



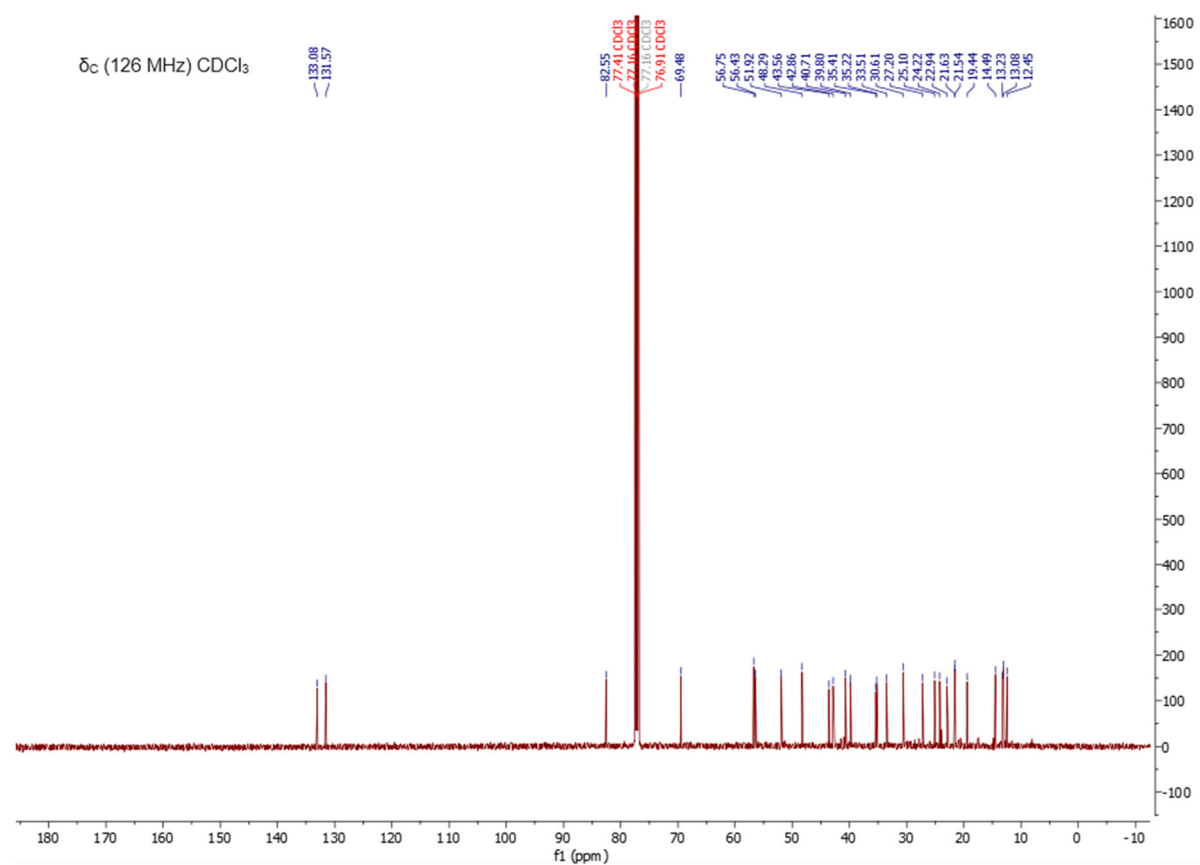
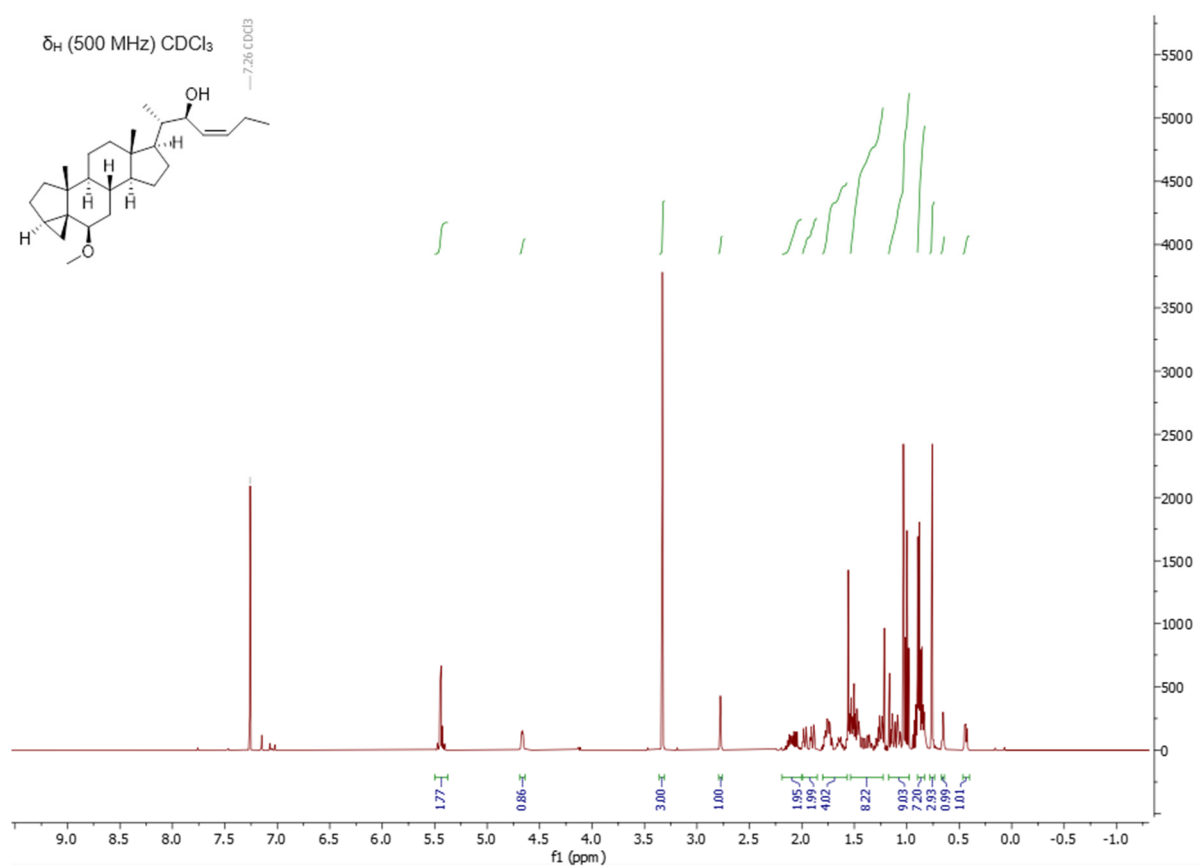
(22*R*)-6β-Methoxy-3α,5-cyclo-27-nor-5α-cholest-23-yn-22-ol (**9a**)



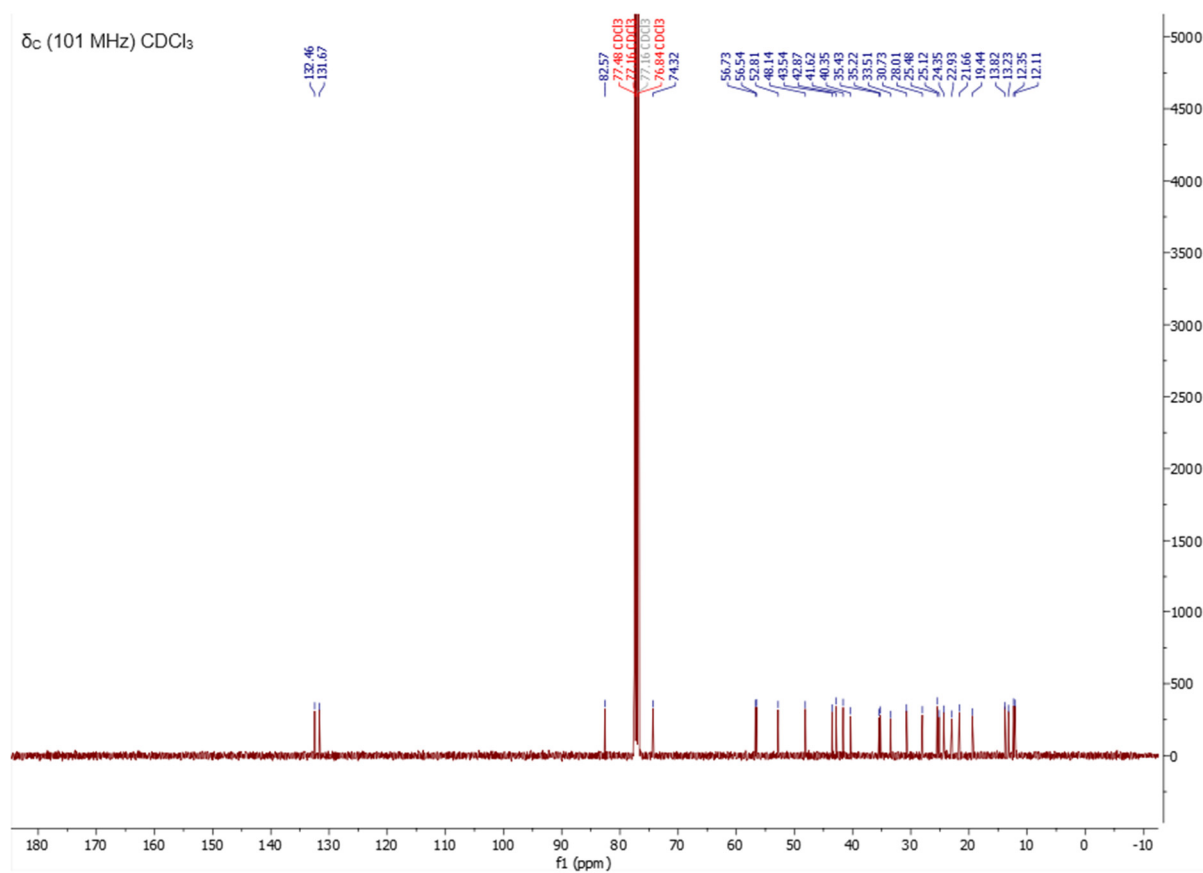
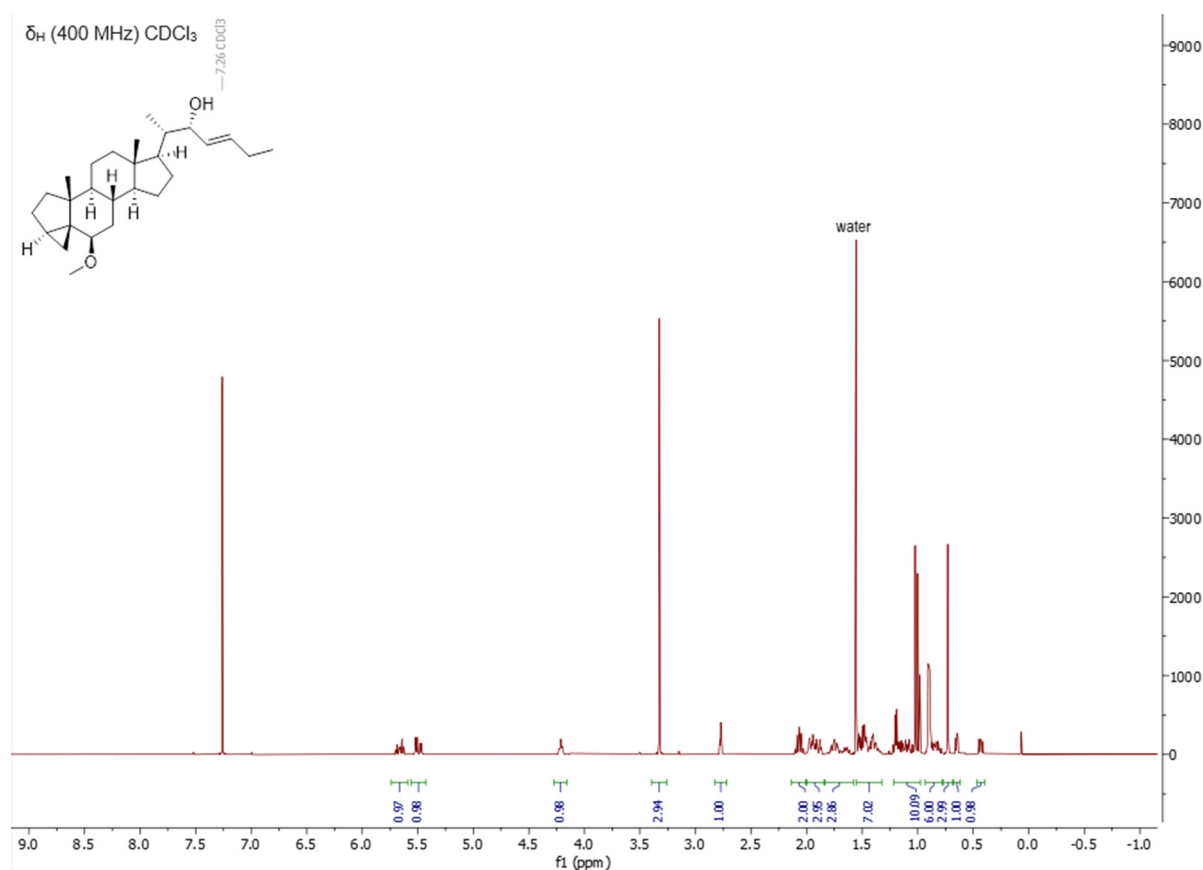
(22S)-6 β -Methoxy-3 α ,5-cyclo-27-nor-5 α -cholest-23-yn-22-ol (**9b**)



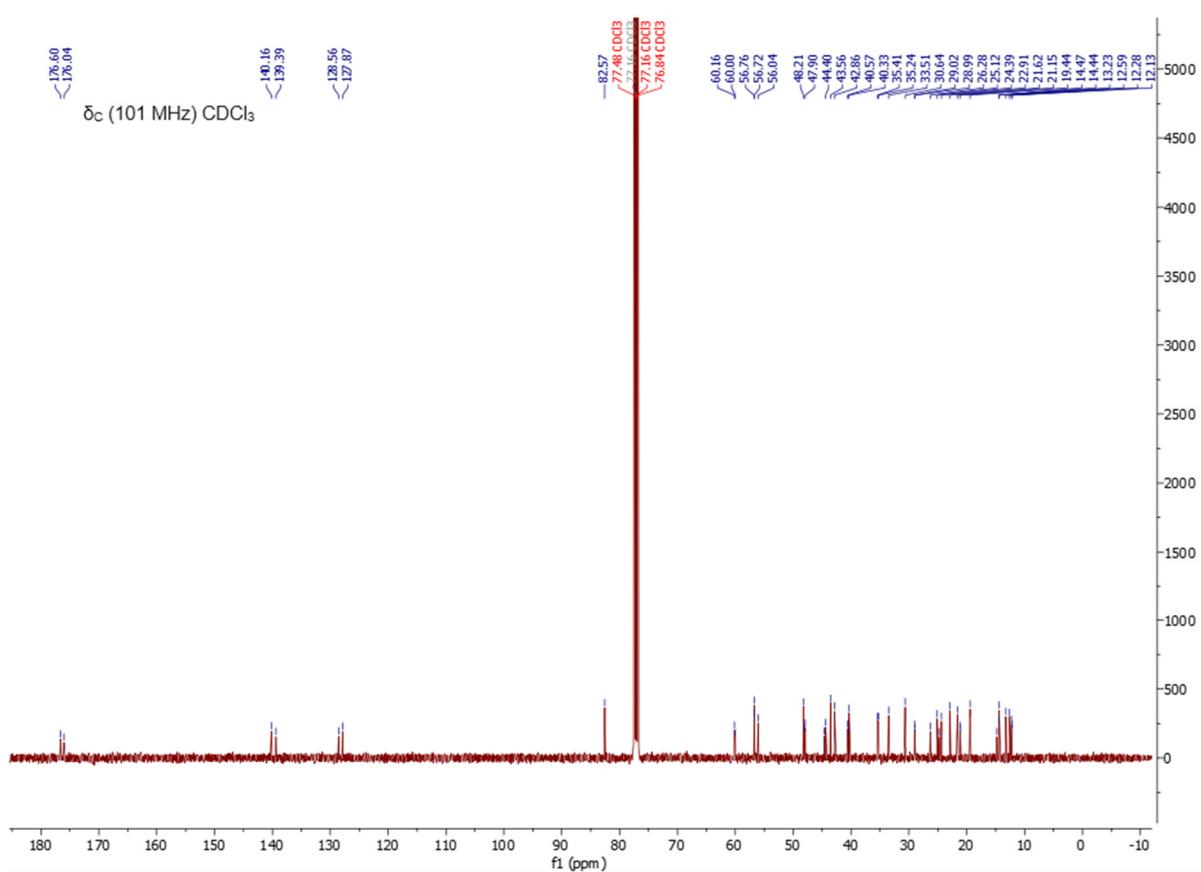
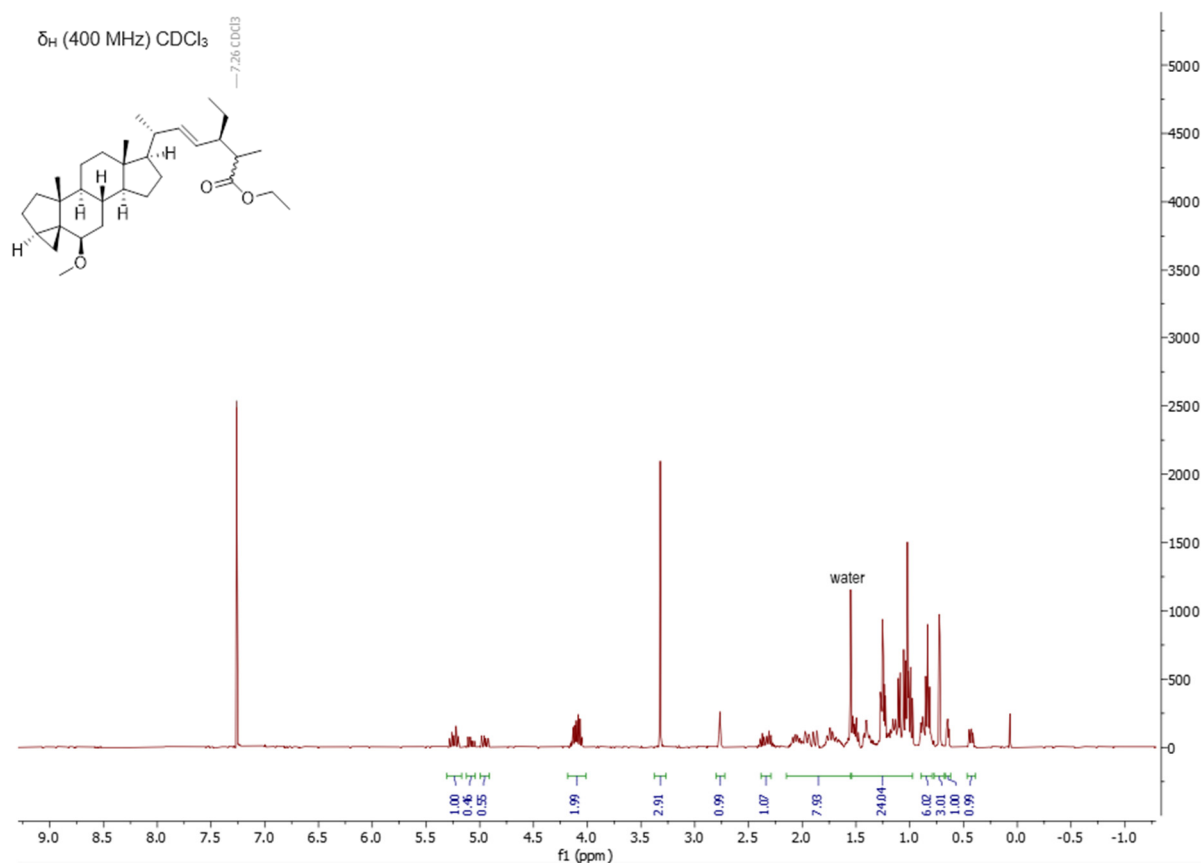
(22*R*,23*Z*)-6 β -Methoxy-3 α ,5-cyclo-27-nor-5 α -cholest-23-en-22-ol (**10a**)



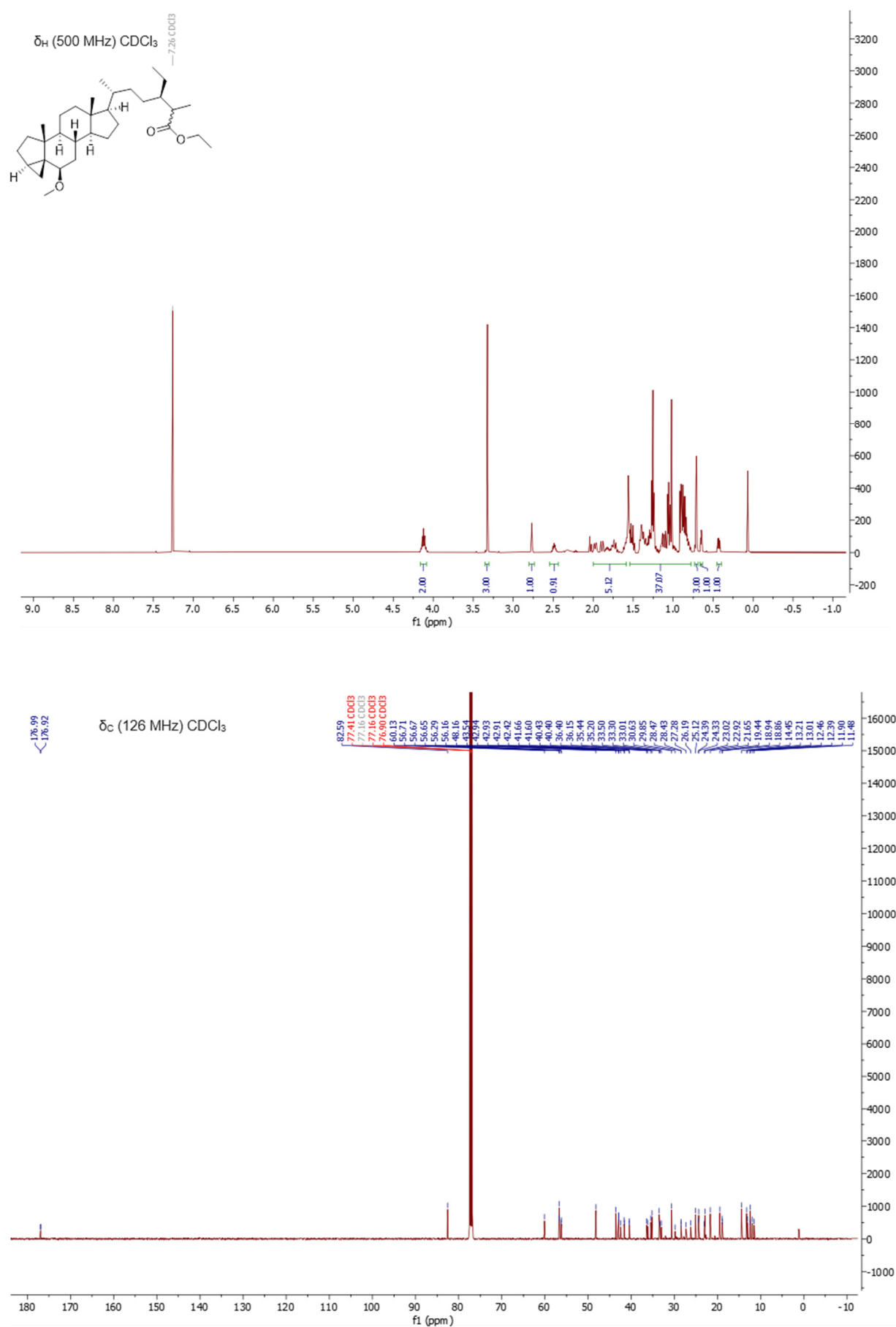
(22*R*,23*E*)-6β-Methoxy-3α,5-cyclo-27-nor-5α-cholest-23-en-22-ol (**10b**)



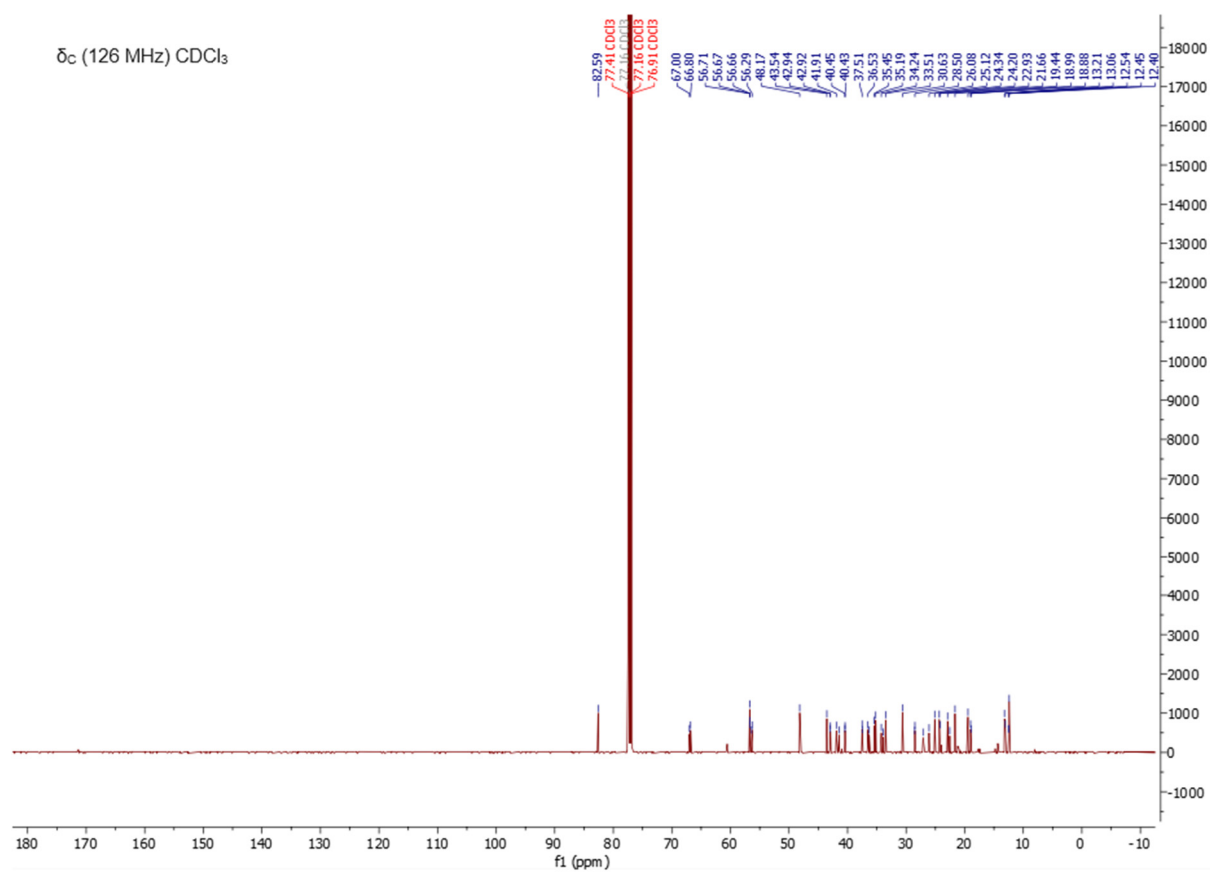
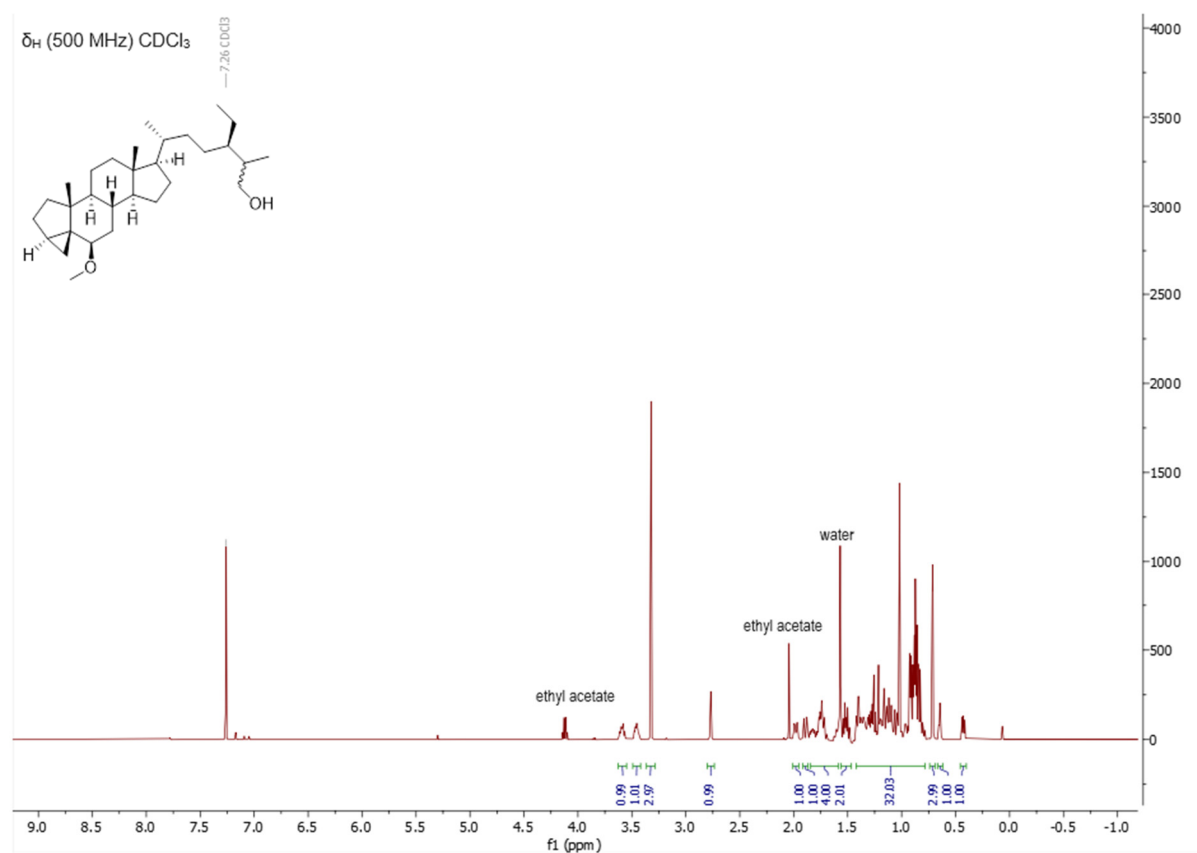
Ethyl-(22*E*,24*R*,25*RS*)-6 β -Methoxy-3 α ,5-cyclo-5 α -stigmast-22-en-26-oate (**11**)



Ethyl-(24*R*,25*RS*)-6β-Methoxy-3α,5-cyclo-5α-stigmastan-26-oate (**12**)



(24*R*,25*RS*)-6β-Methoxy-3α,5-cyclo-5α-stigmastan-26-ol (**13**)



(24*R*,25*RS*)-26-Ethynyl-6 β -methoxy-26-nor-3 α ,5-cyclo-5 α -stigmastane (**15**)

