

Supporting Information-III

NMR Spectral Data

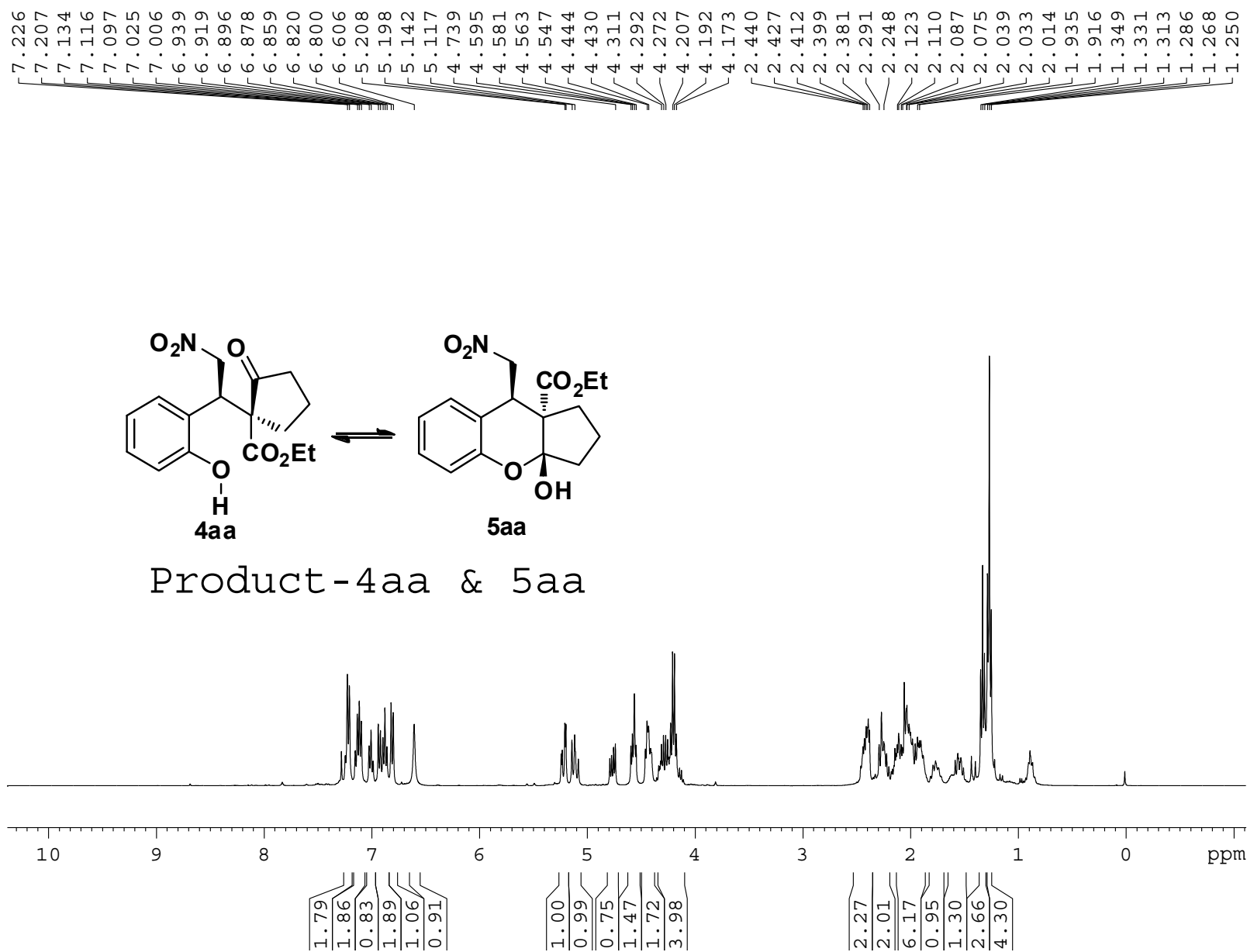
Observation of Neighboring *ortho*-Hydroxyl Group Participation in
Organocatalytic Asymmetric Sequential Michael-Lactonization Reactions:
Synthesis of Highly Substituted Chiral Spirodihydrocoumarins

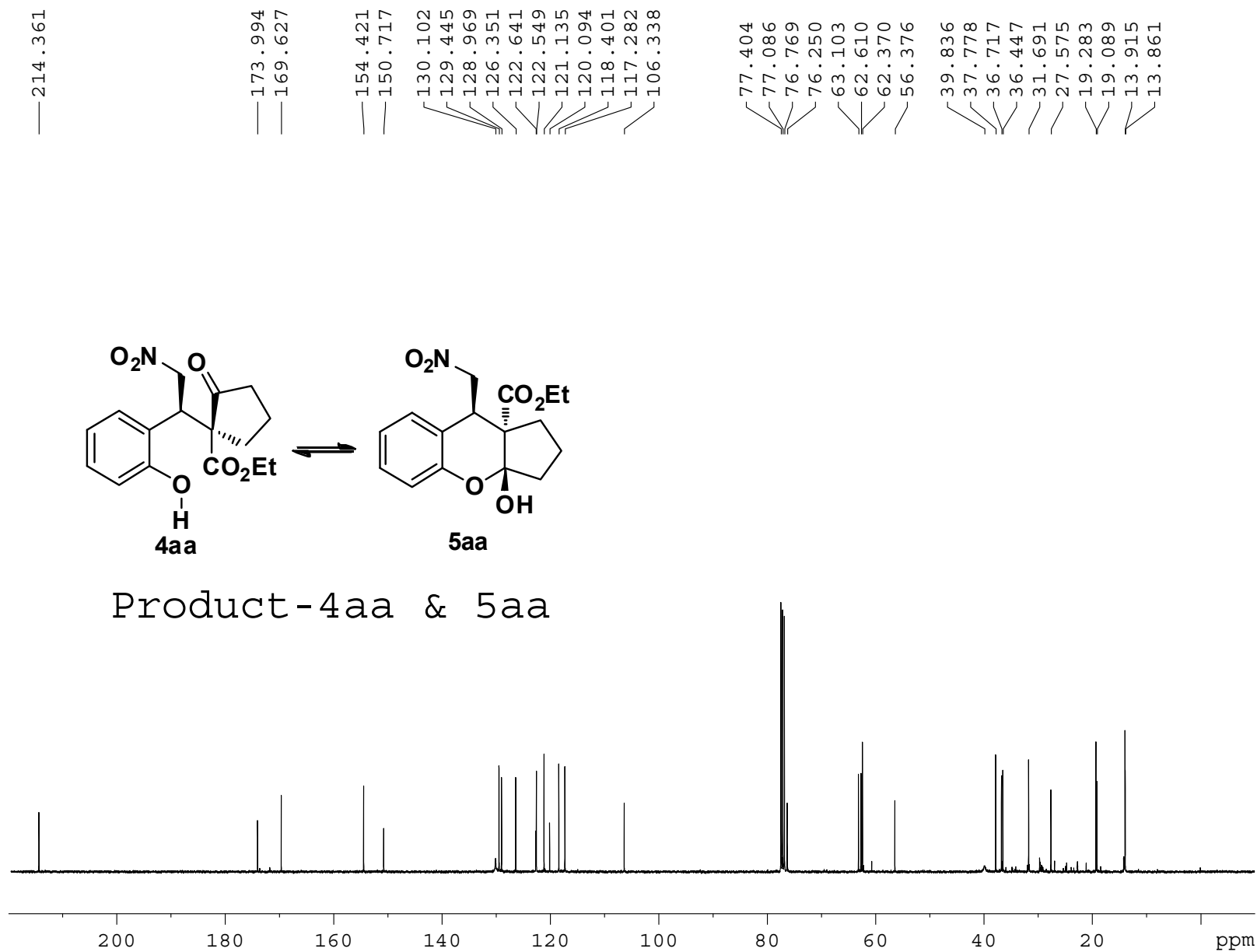
Dhevalapally B. Ramachary,* R. Madhavachary and M. Shiva Prasad

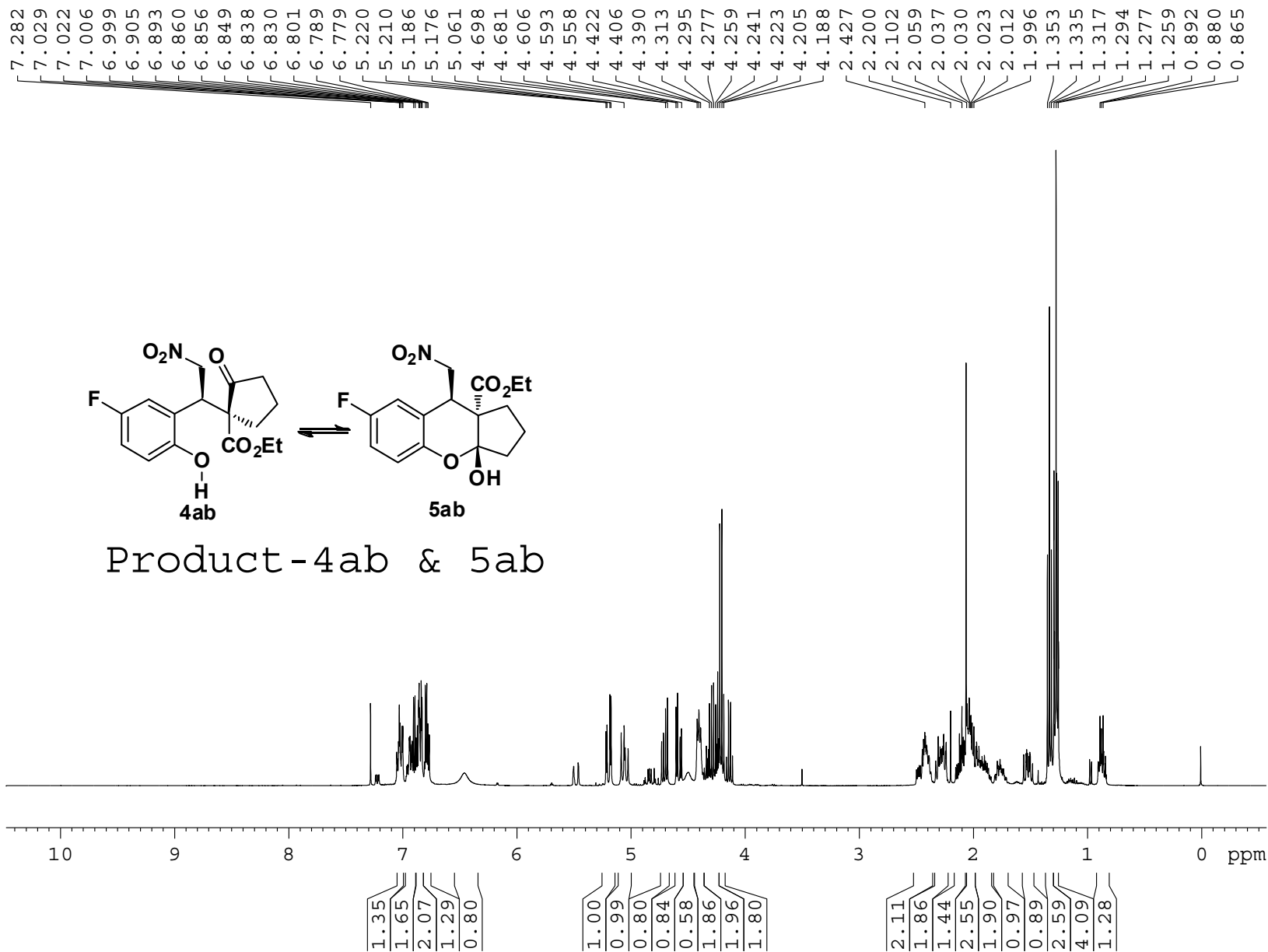
School of Chemistry, University of Hyderabad, Central University (P.O.),

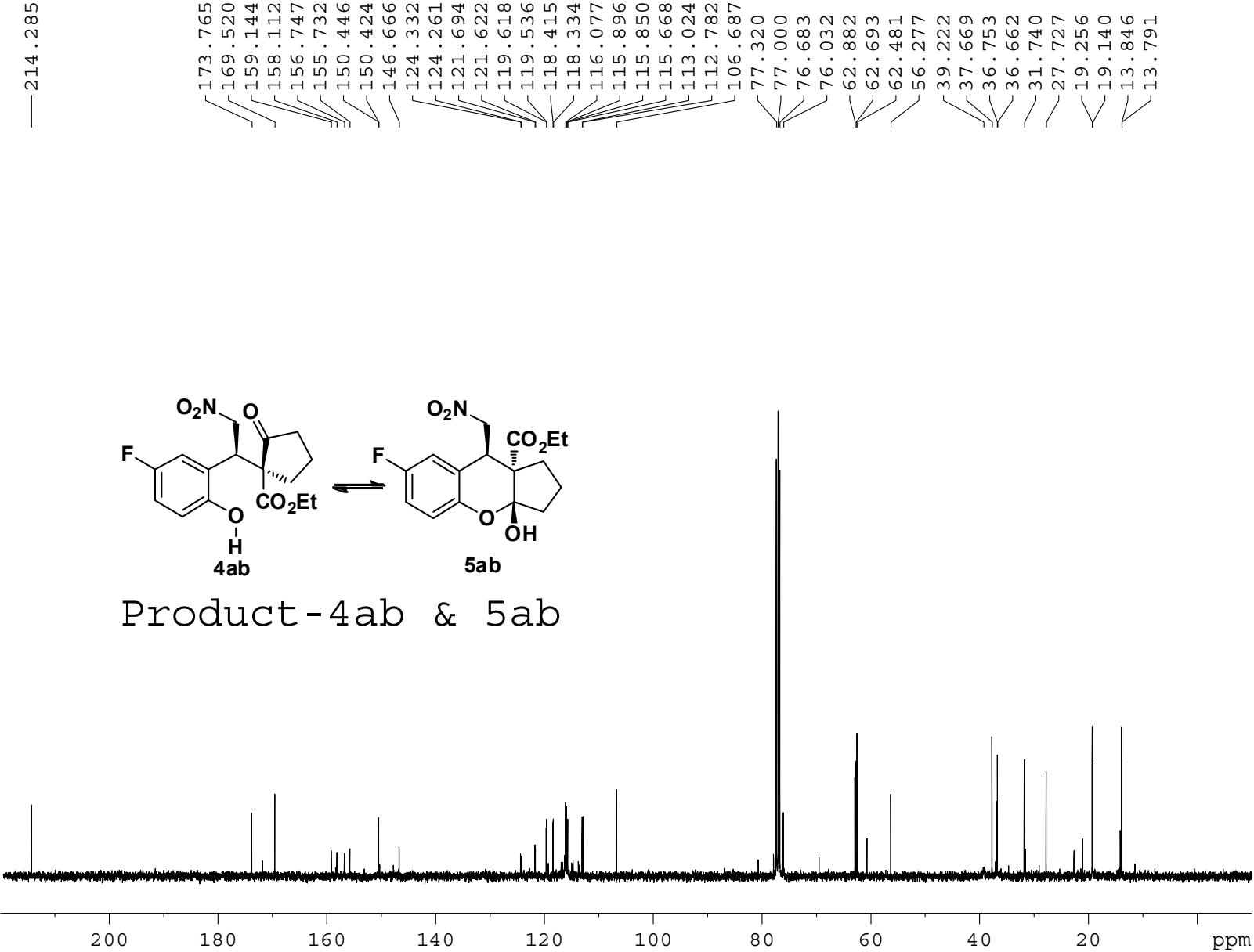
Hyderabad 500 046, India

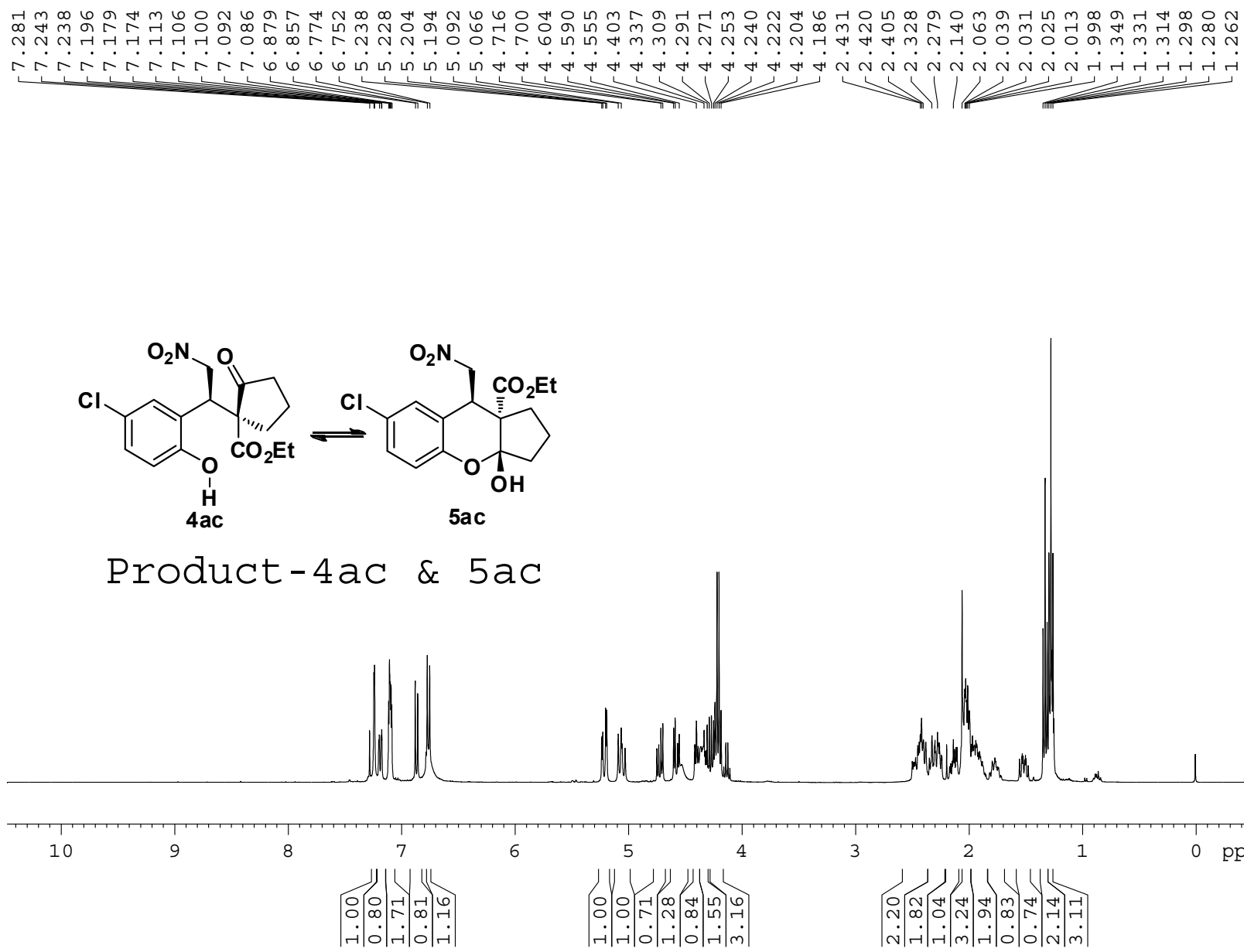
ramsc@uohyd.ernet.in

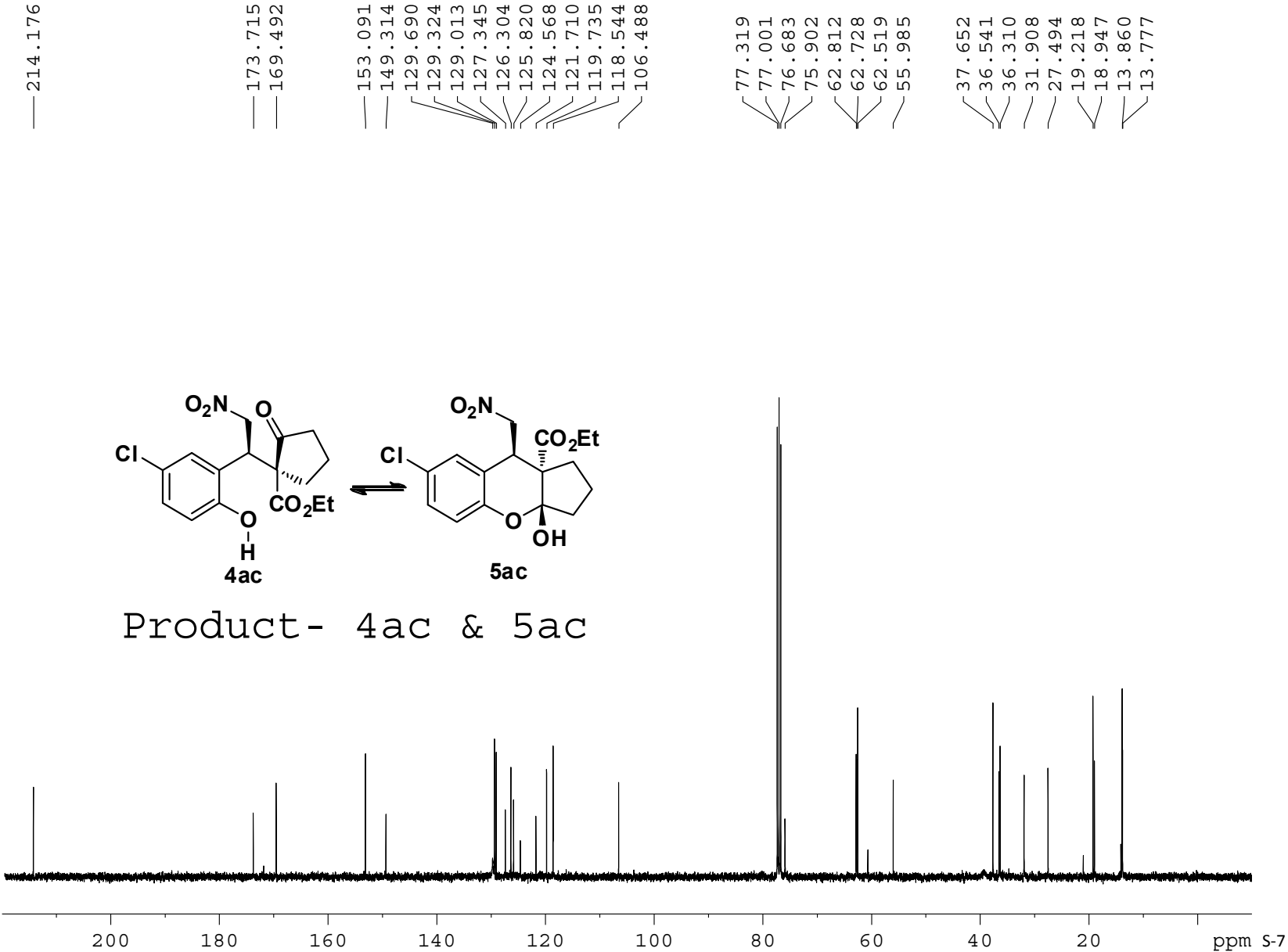


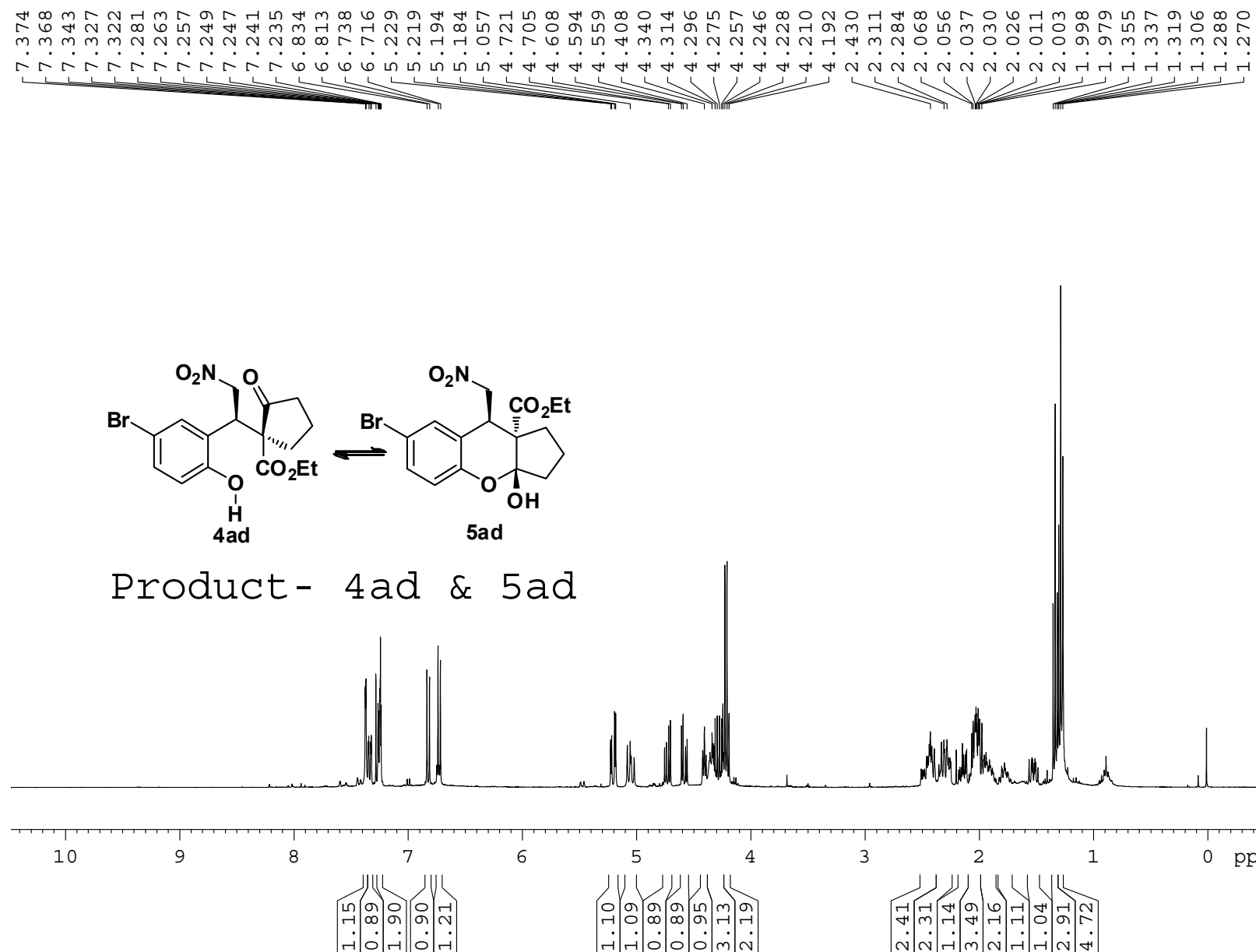


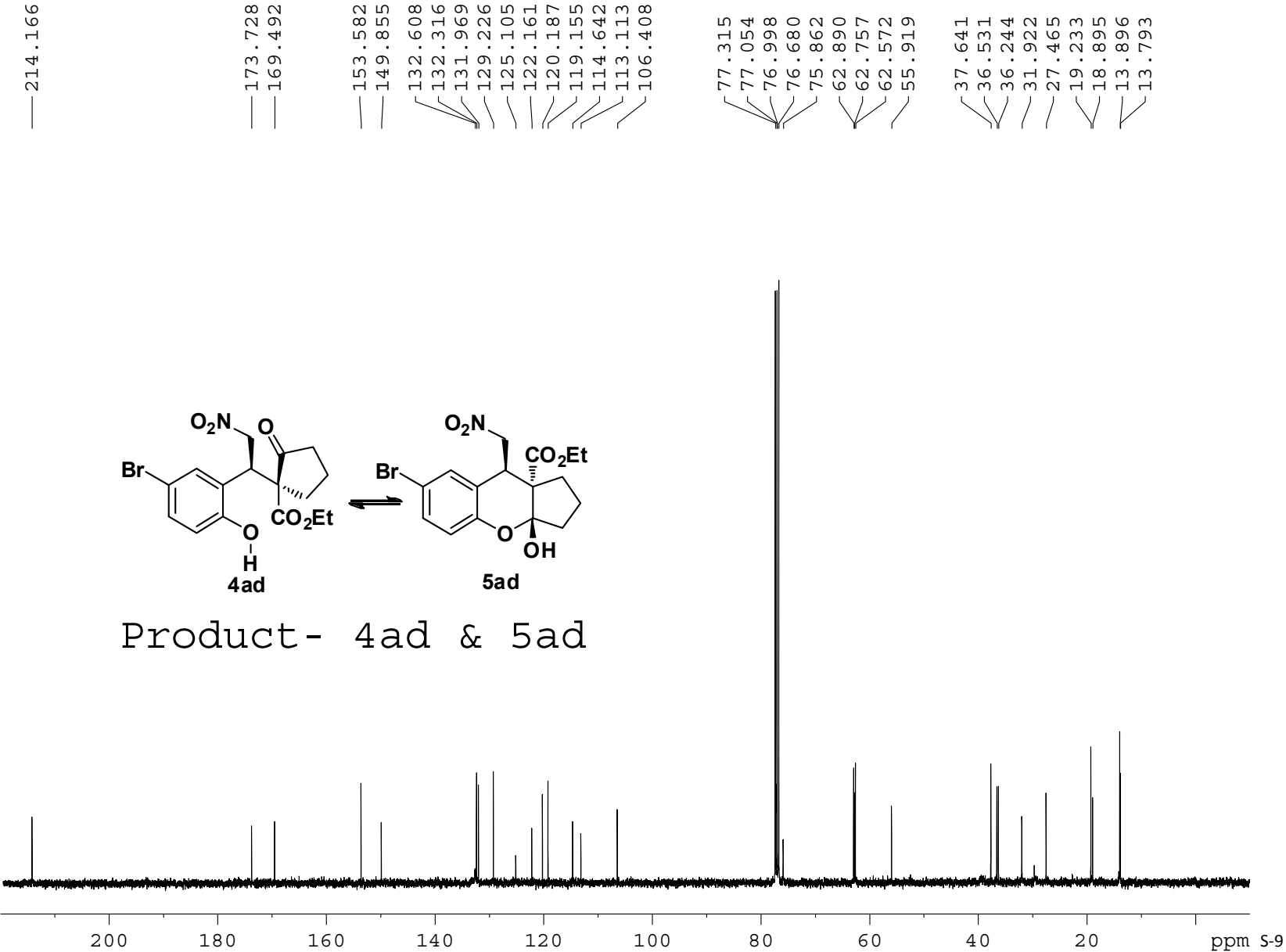


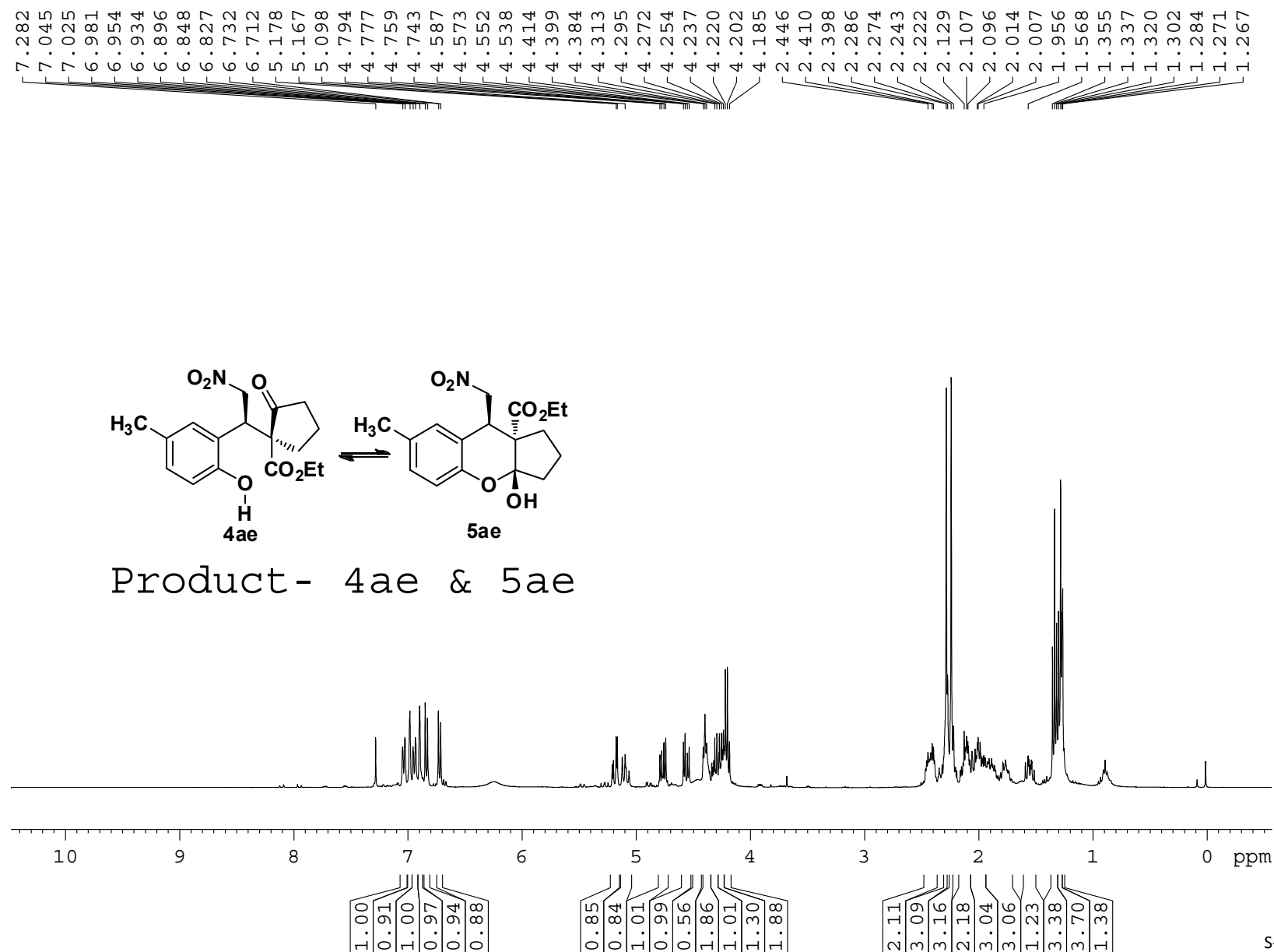


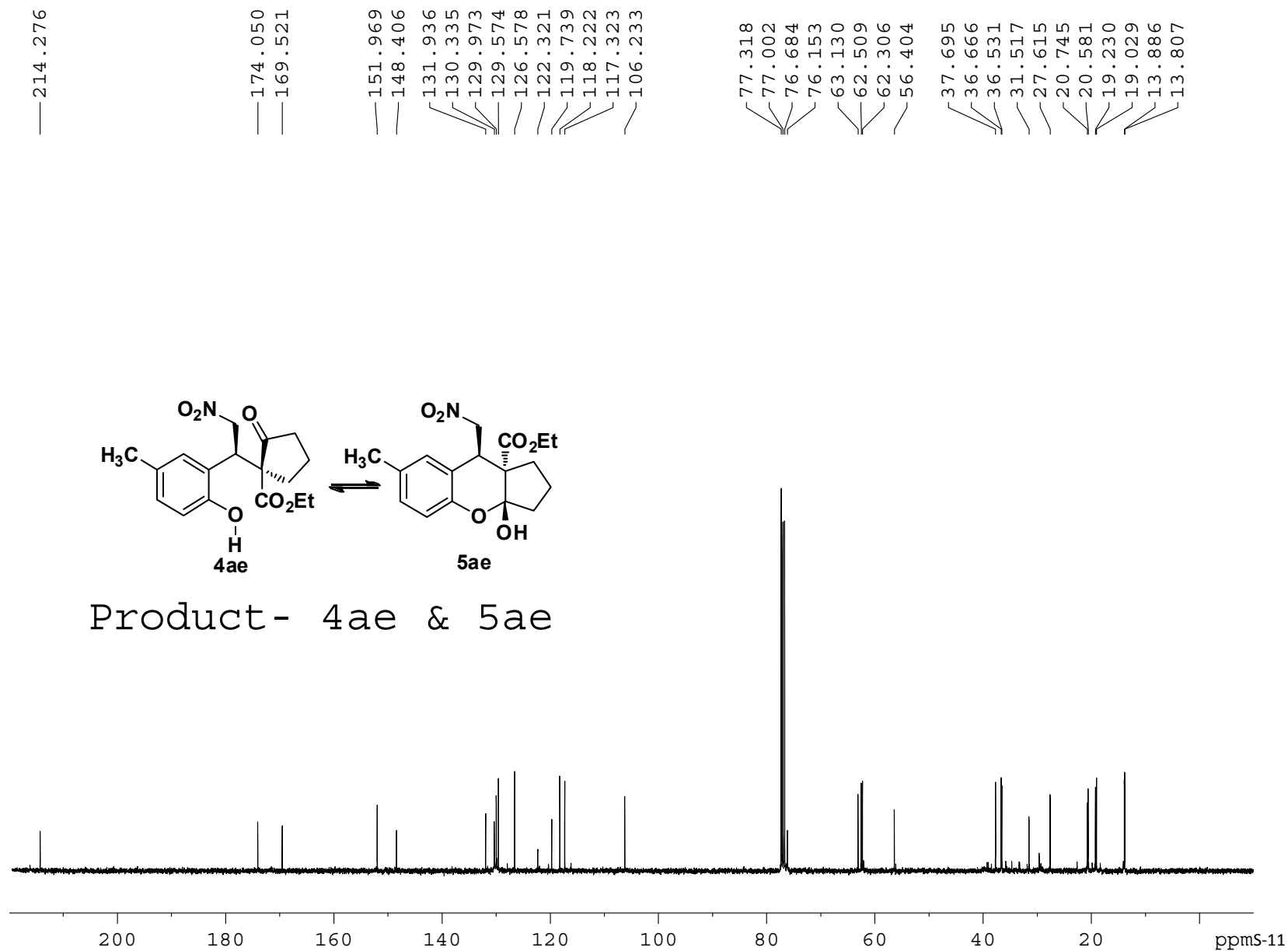


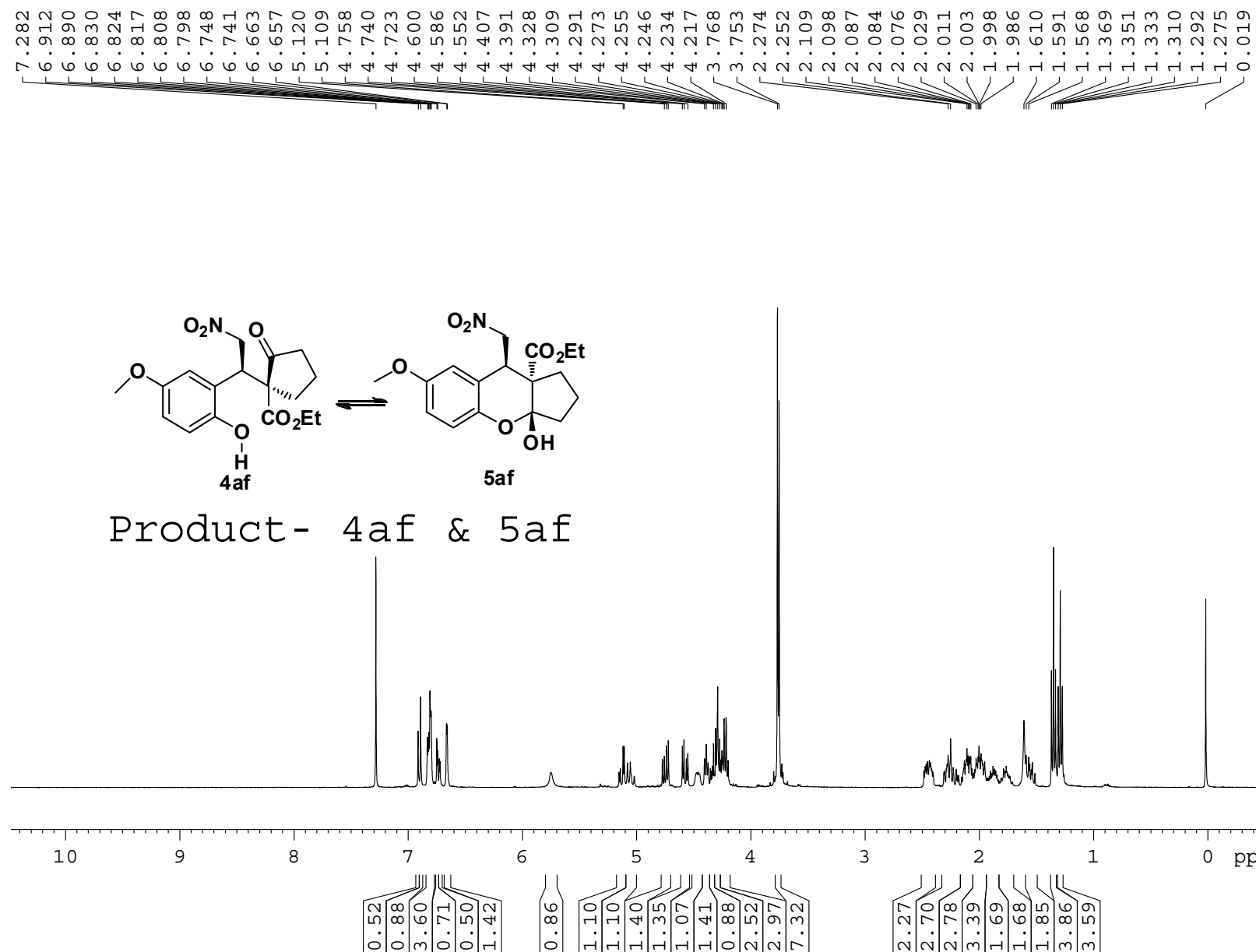


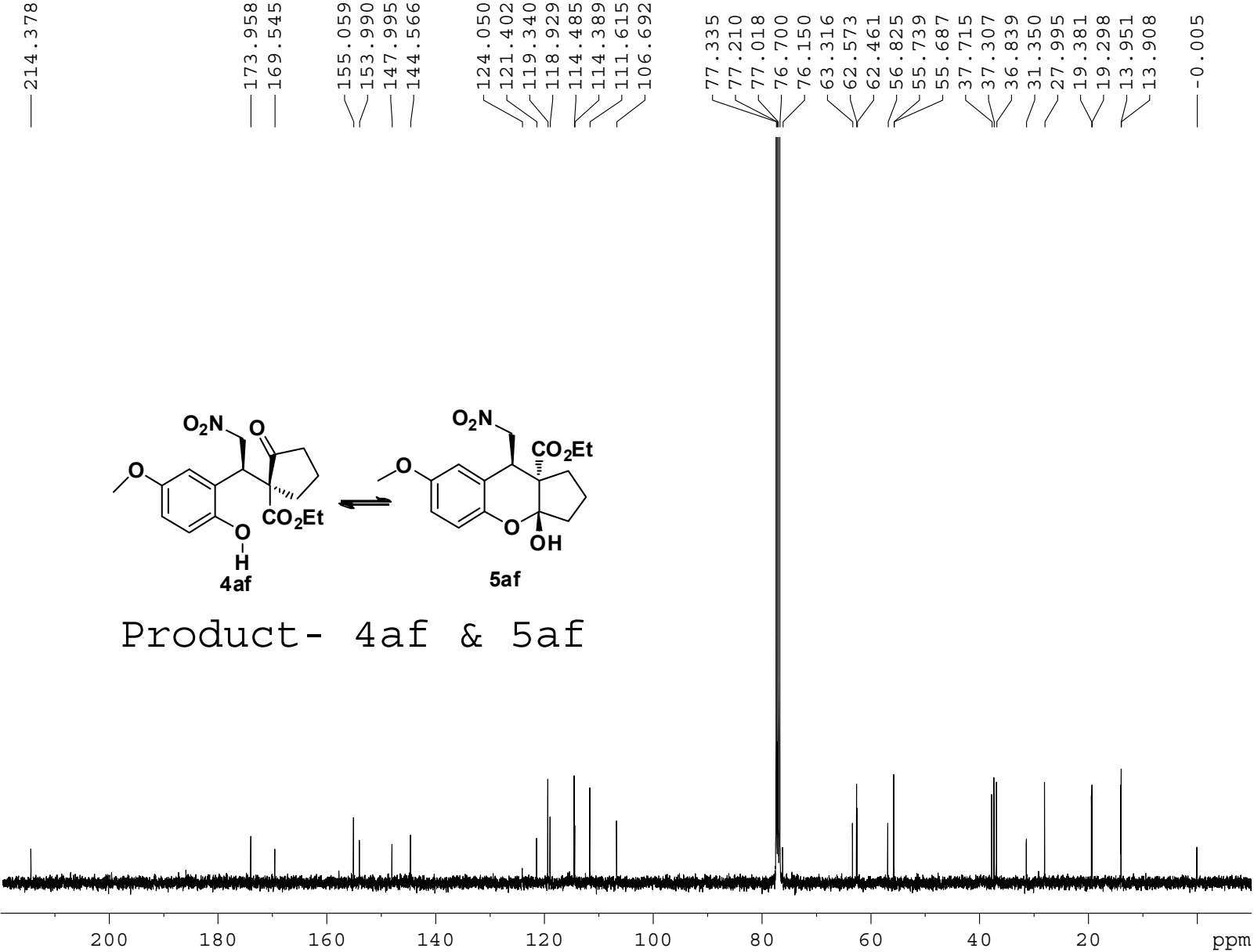


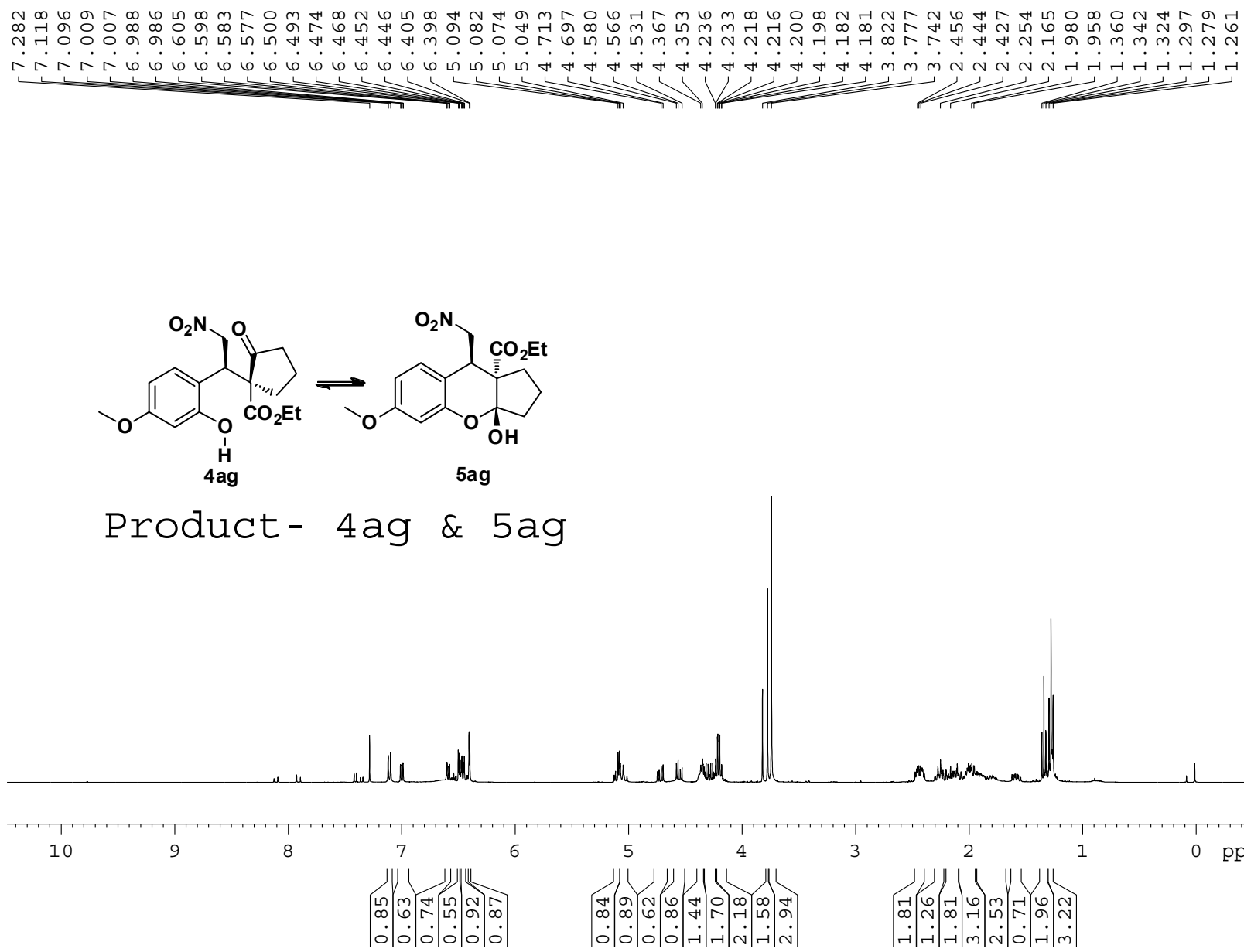


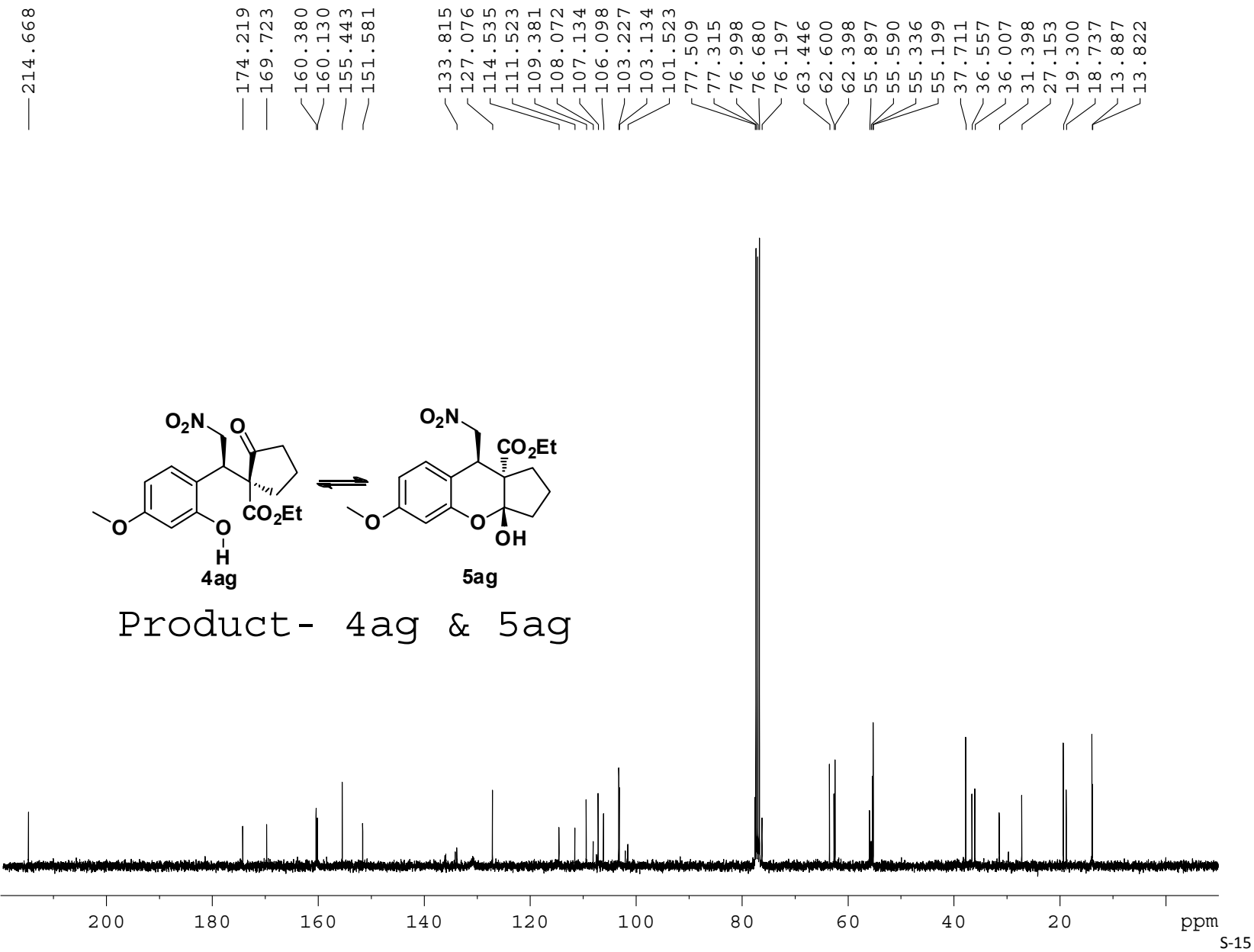


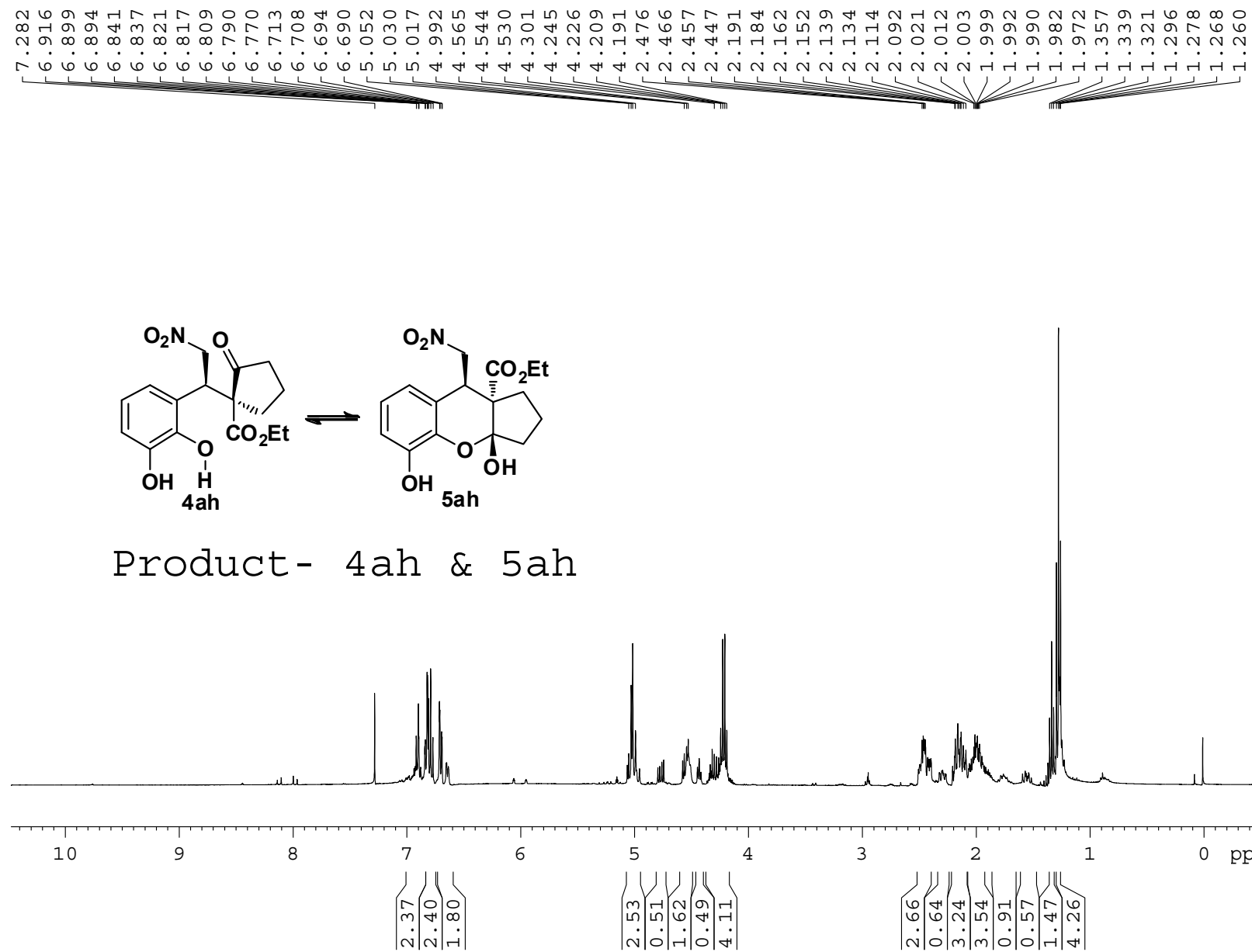


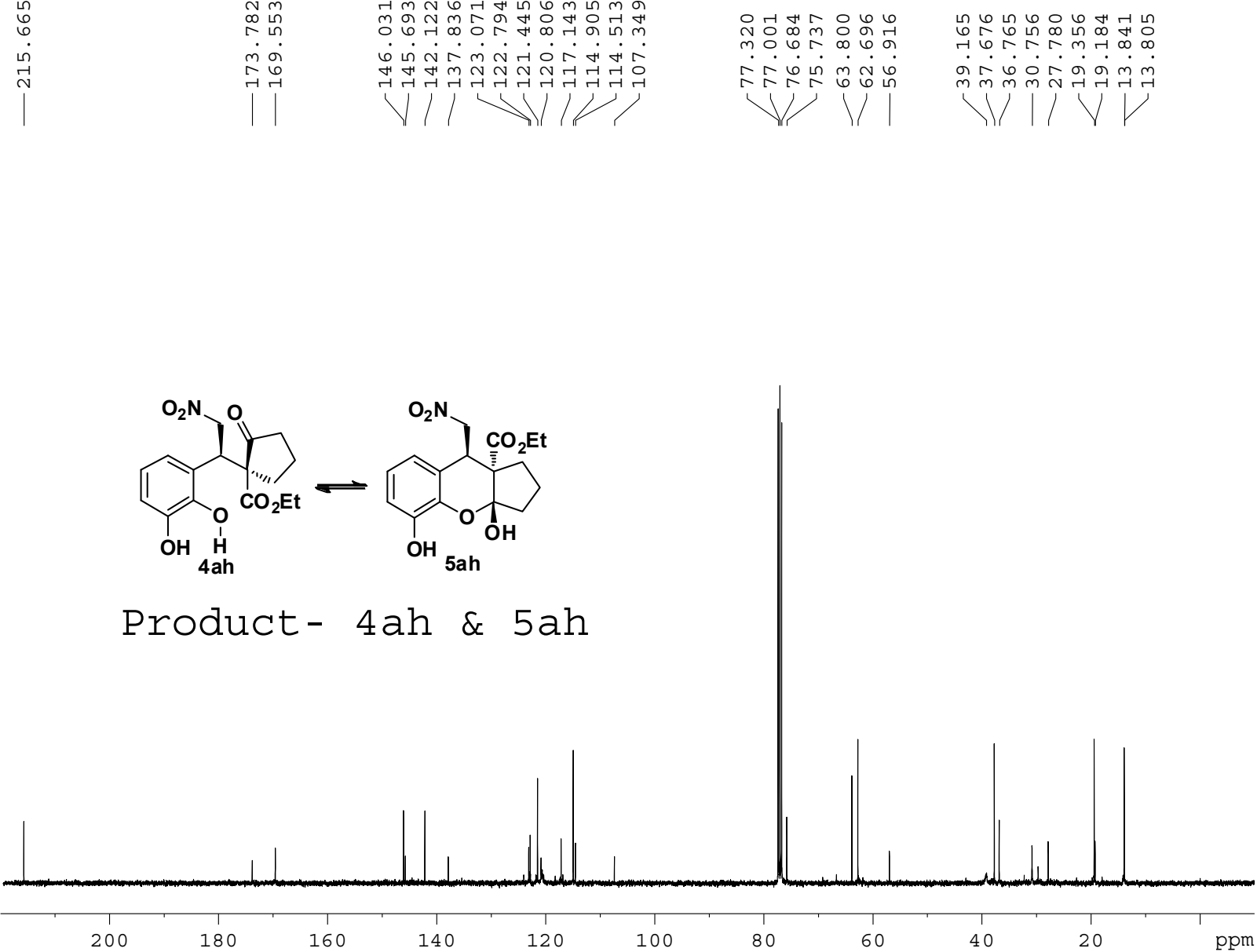


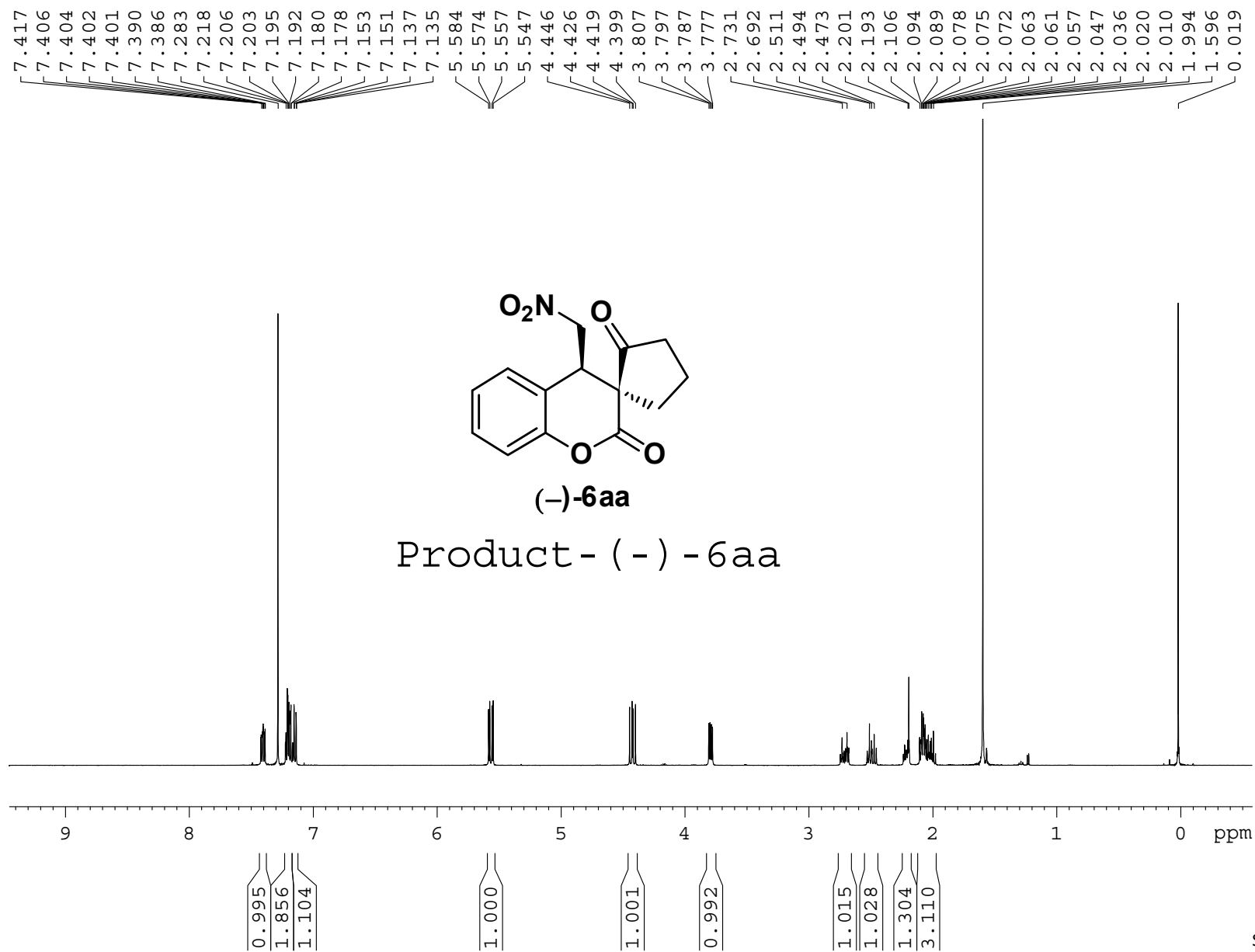


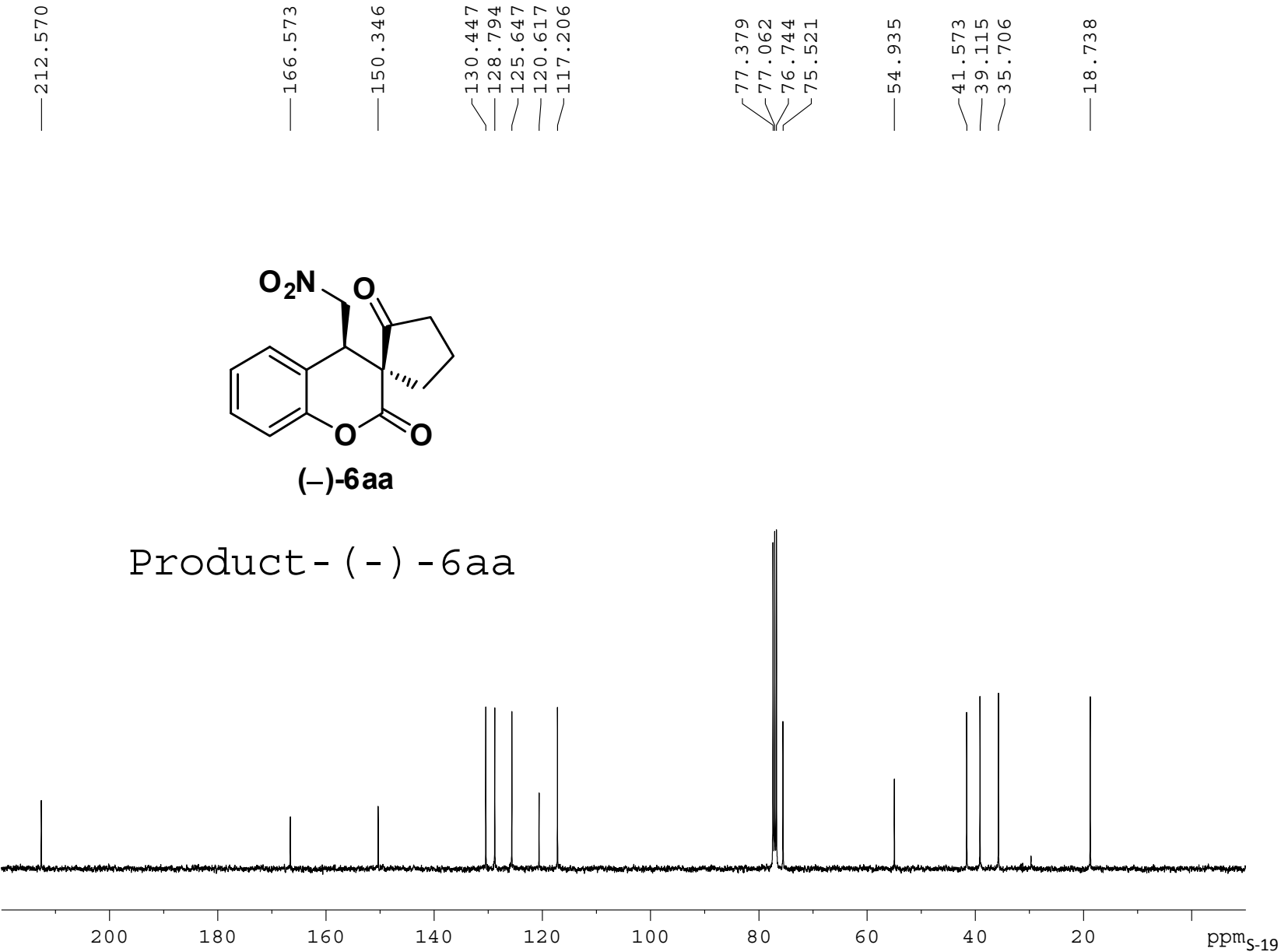


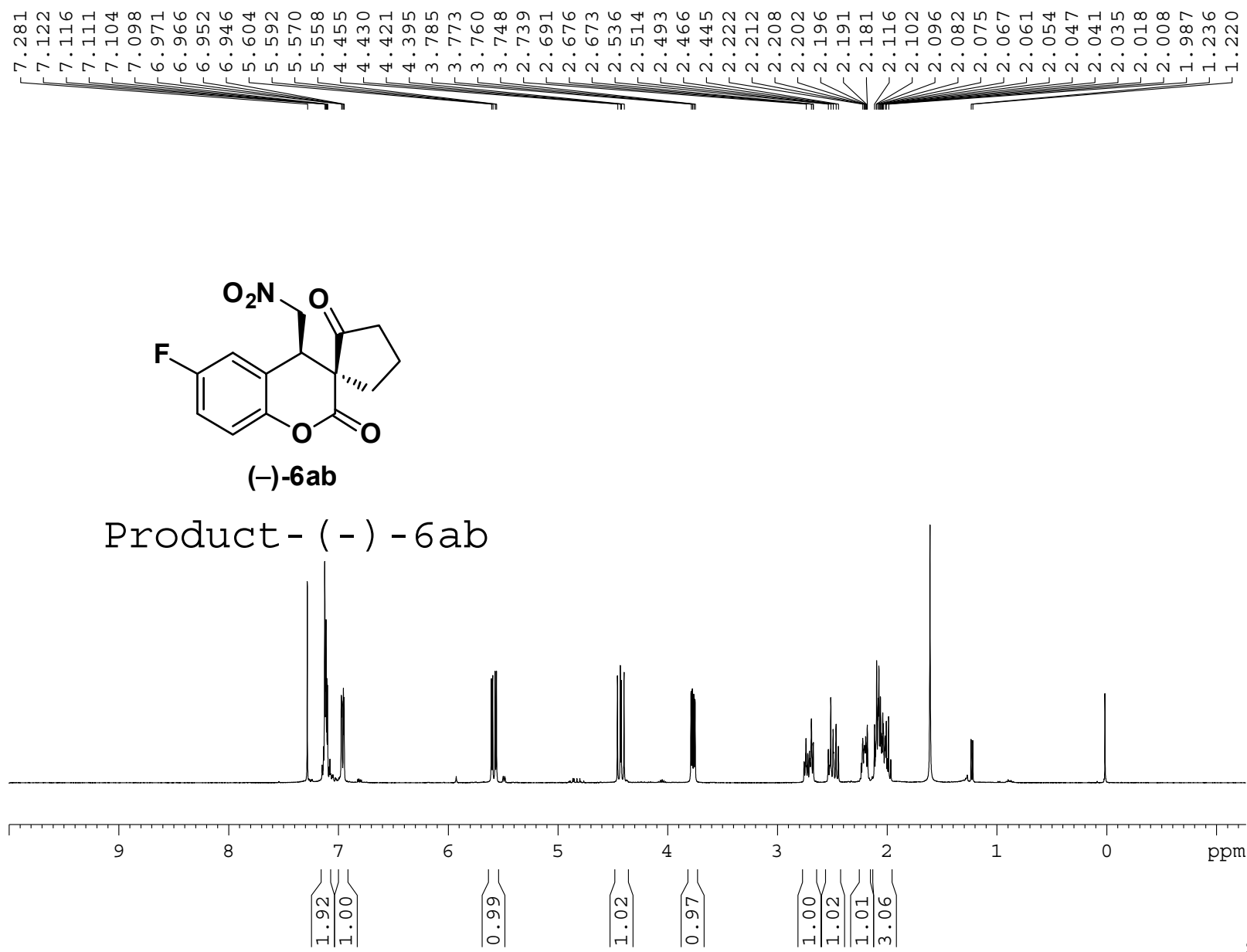


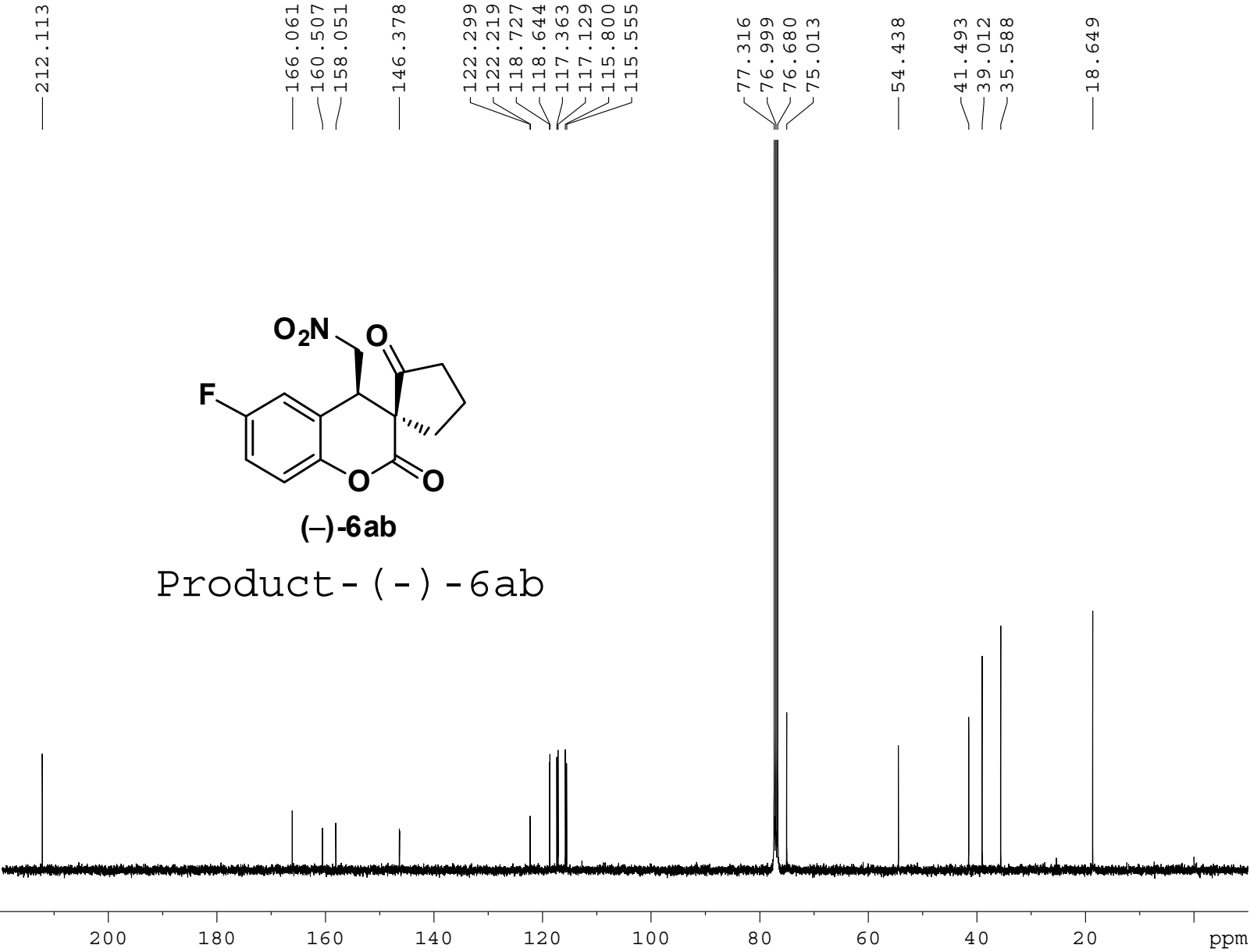


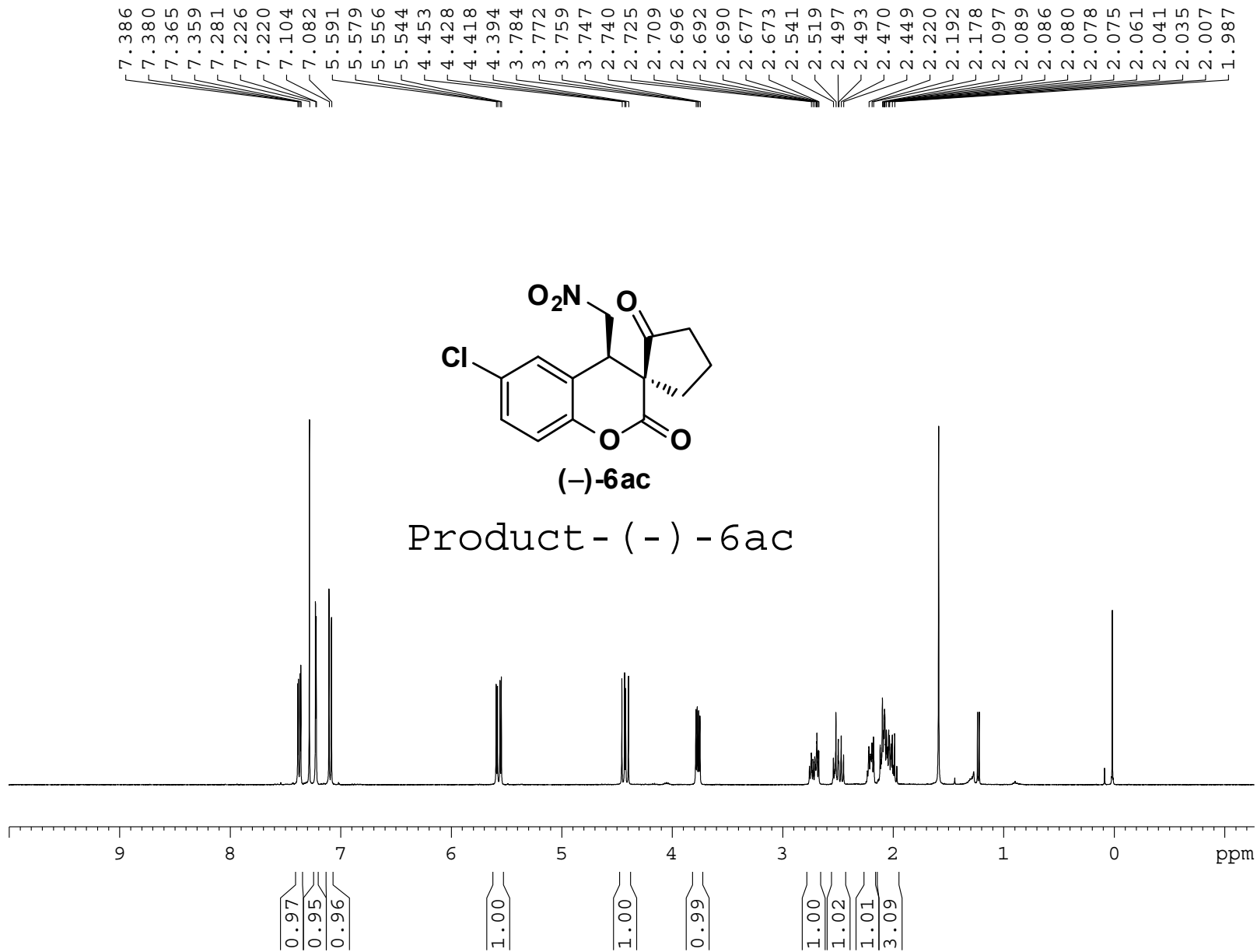


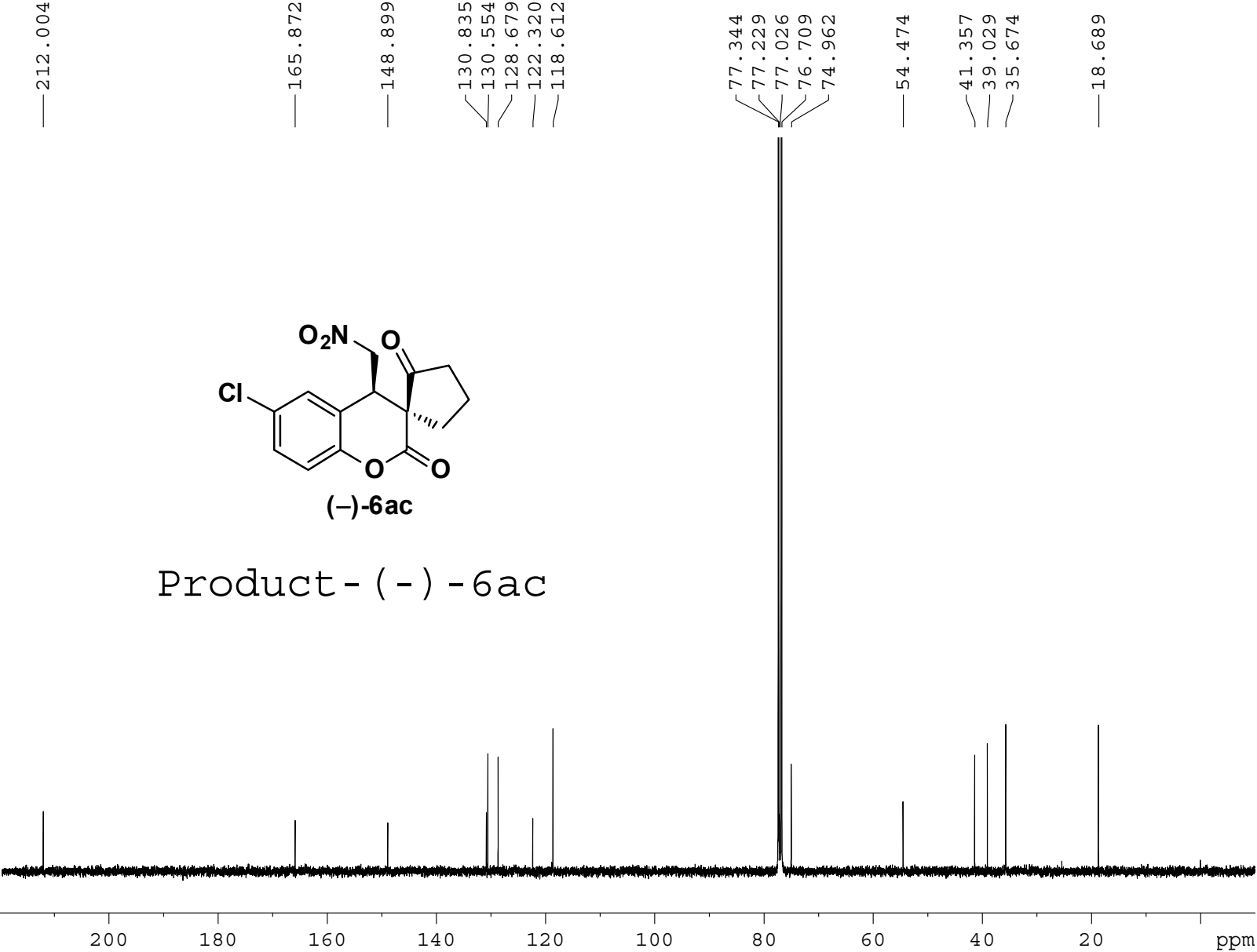


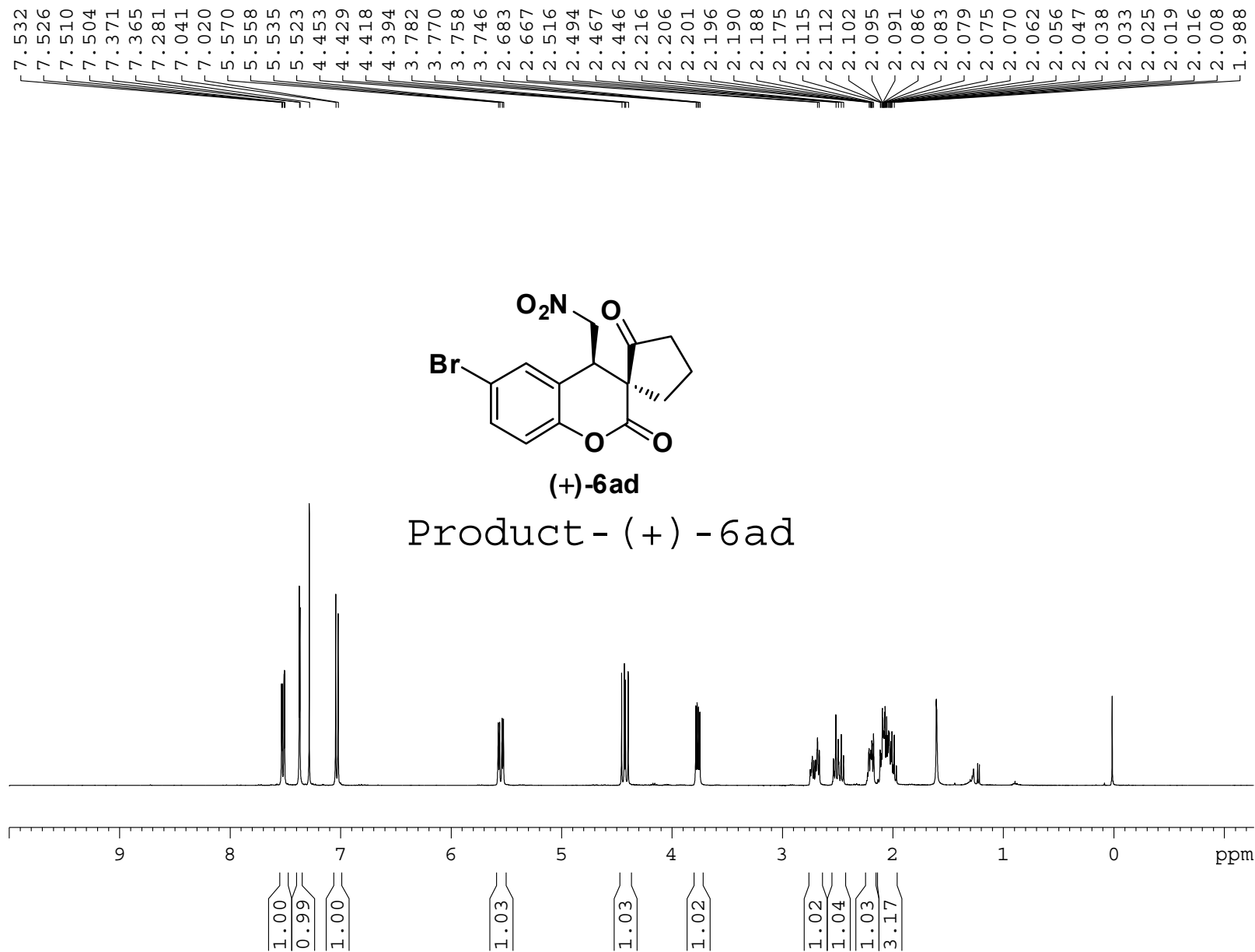


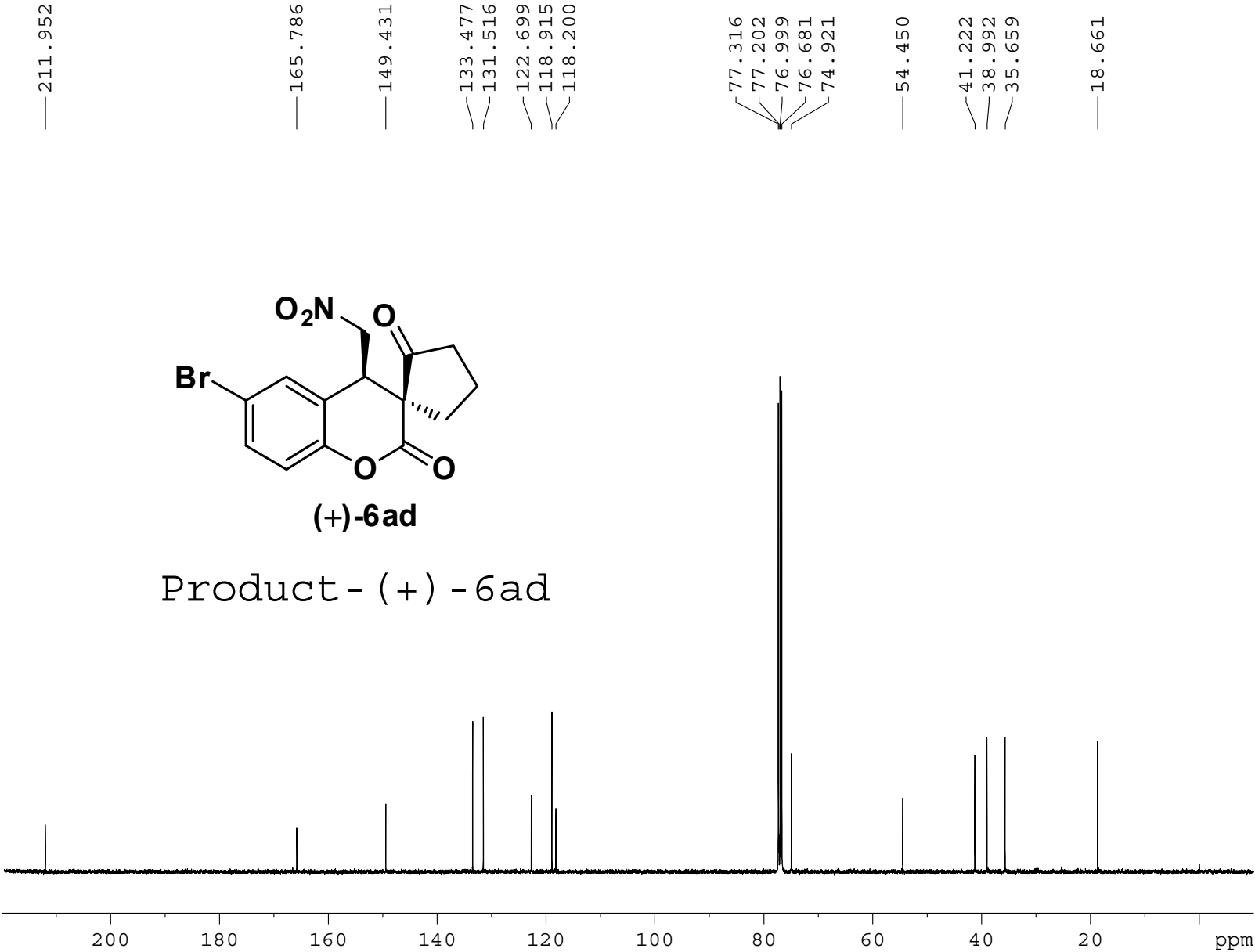


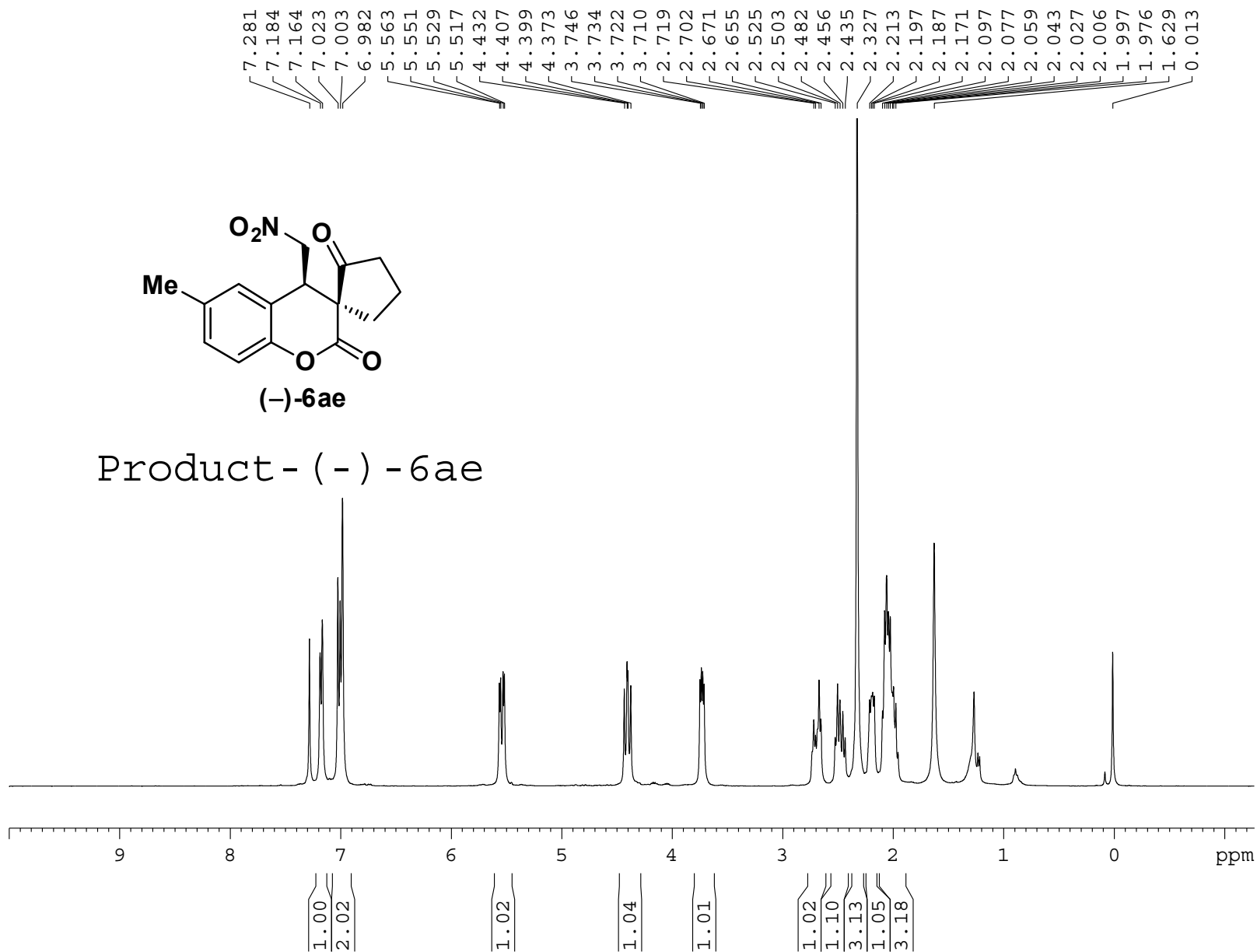


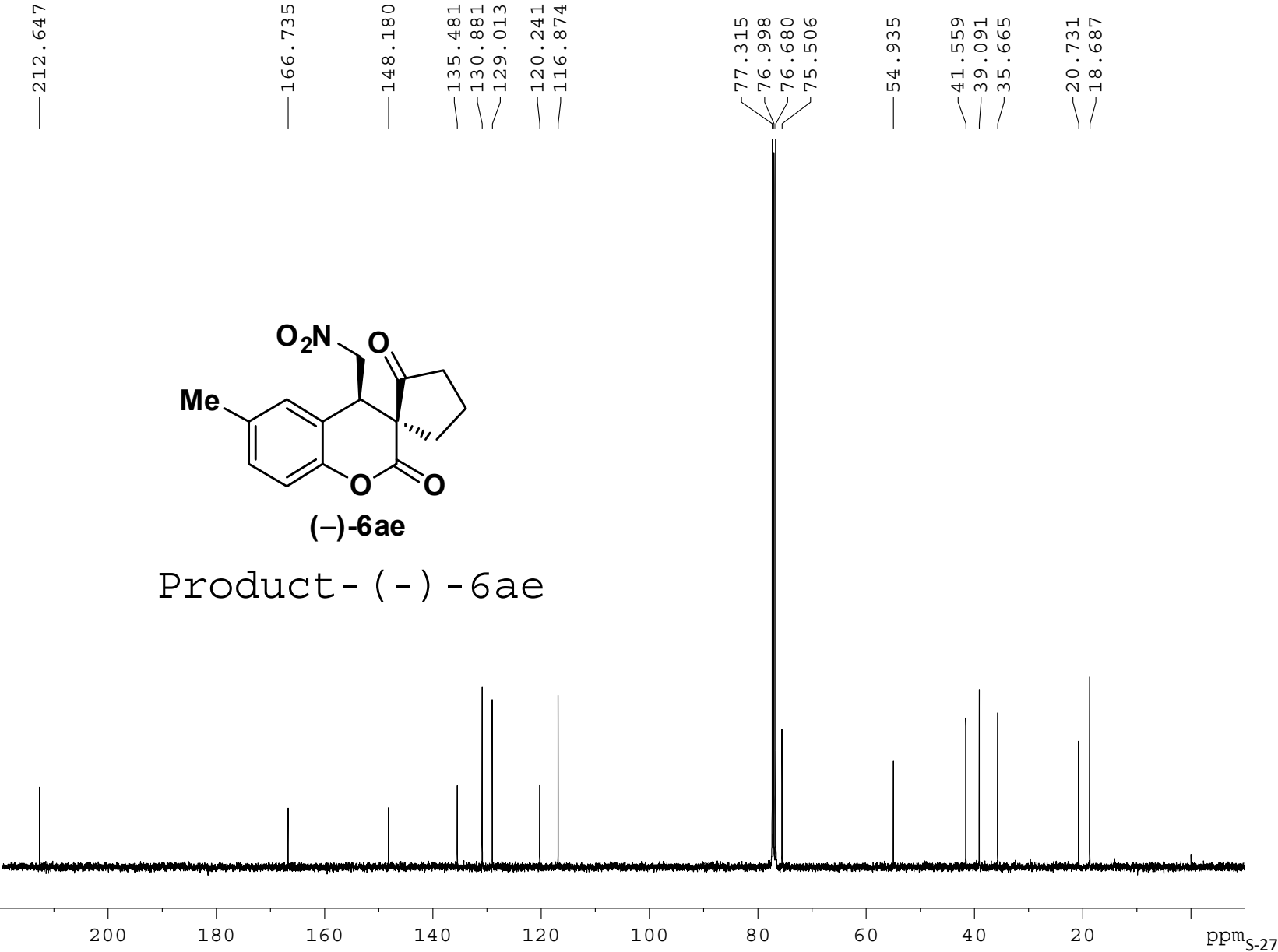




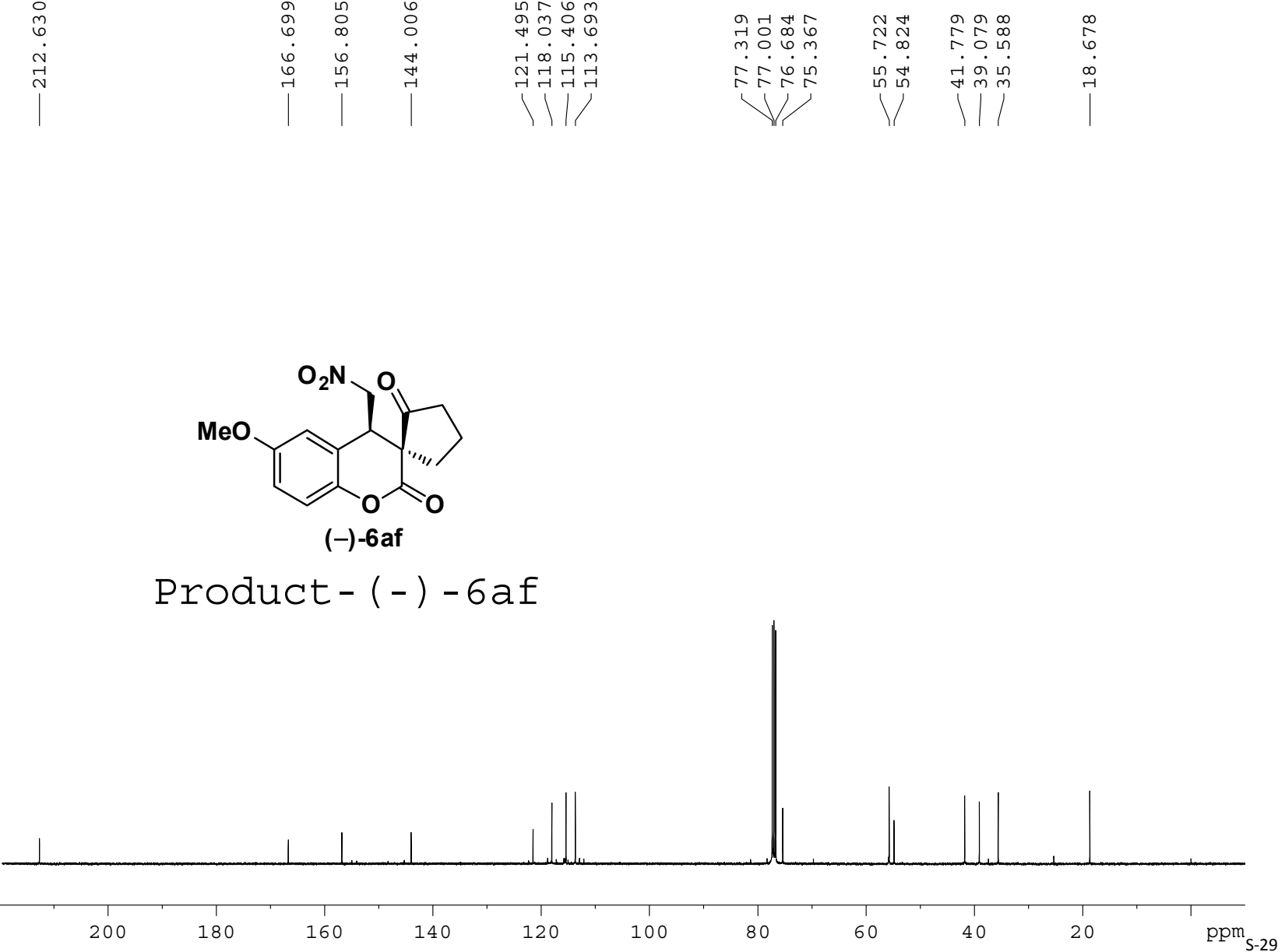


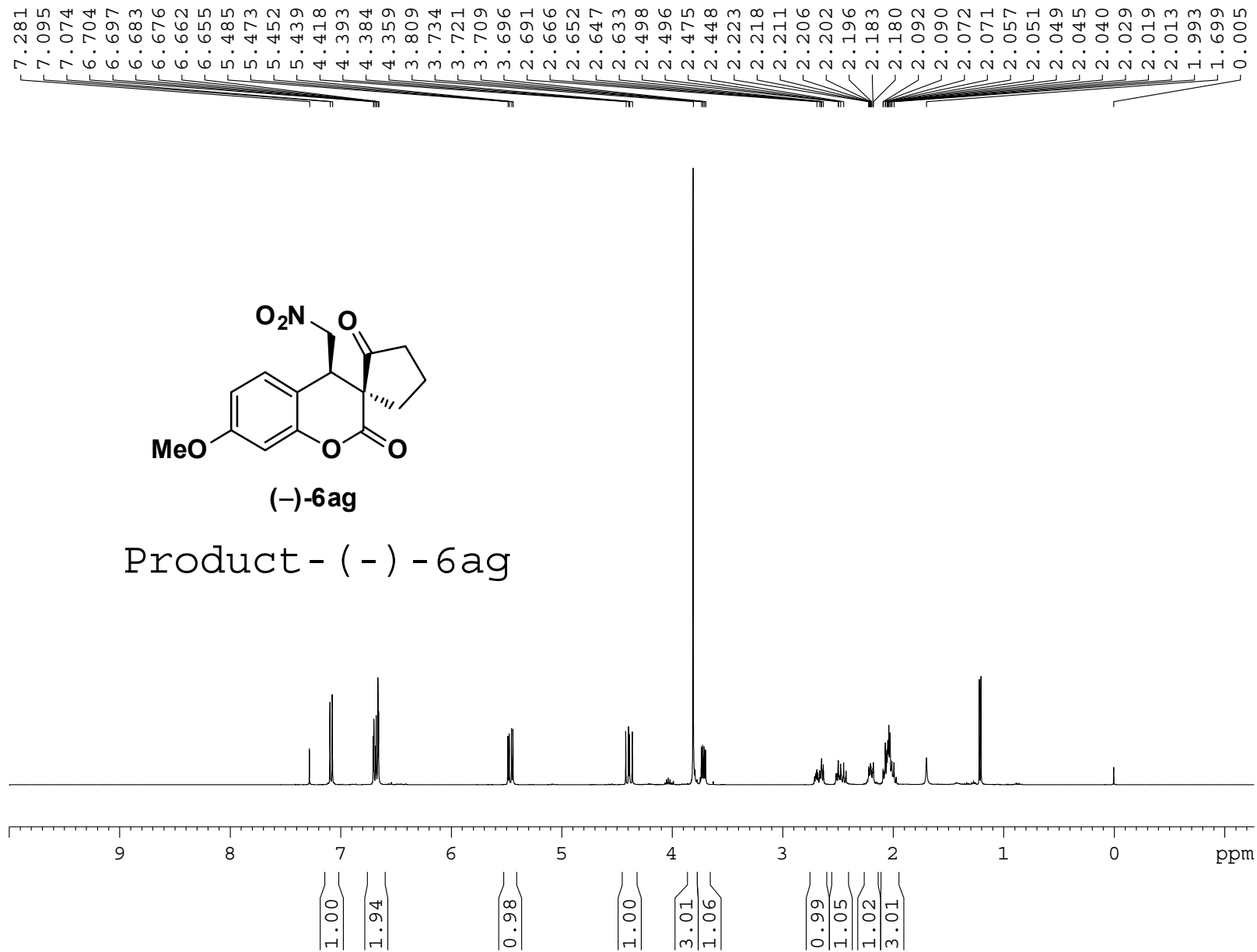


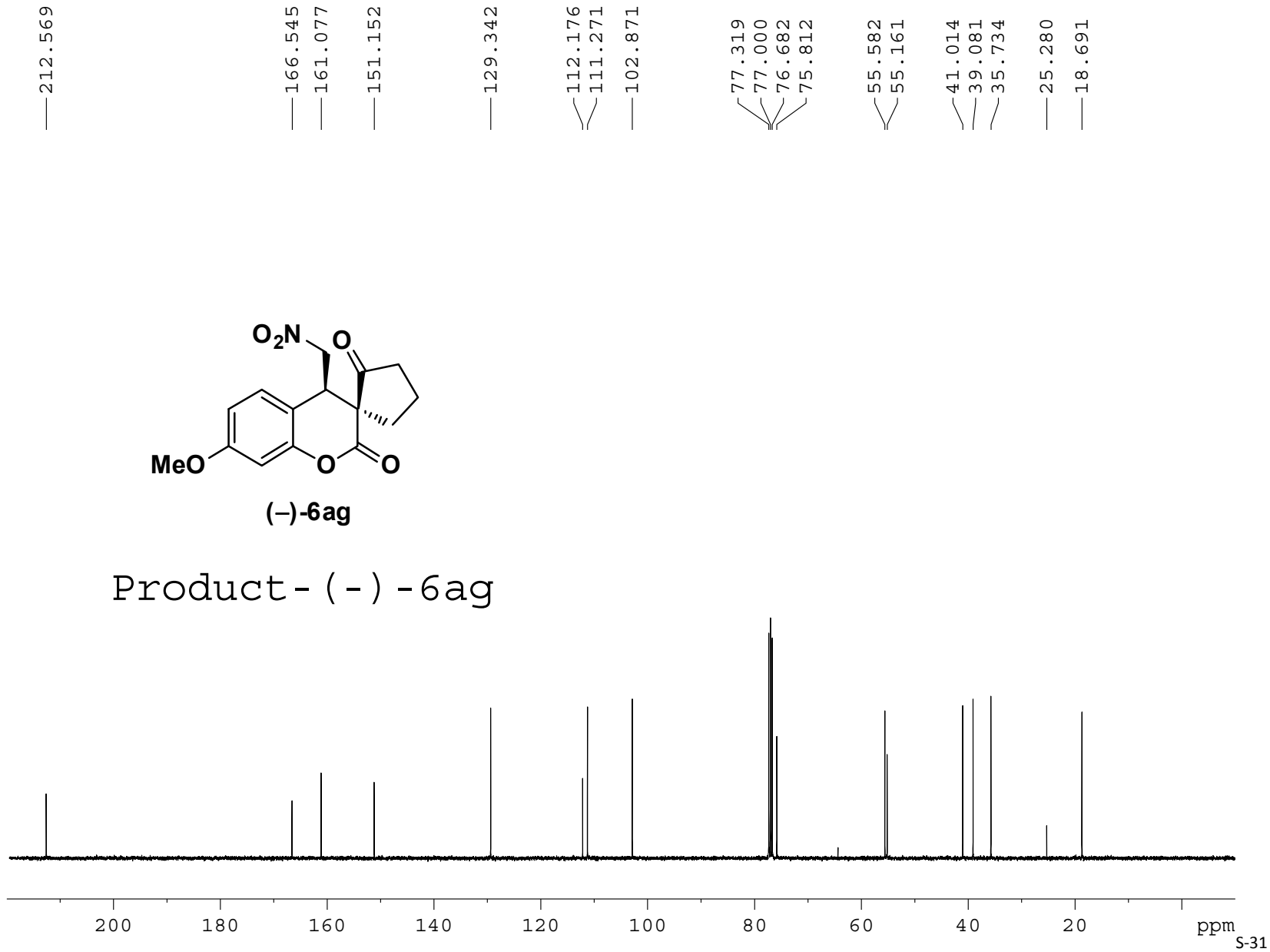


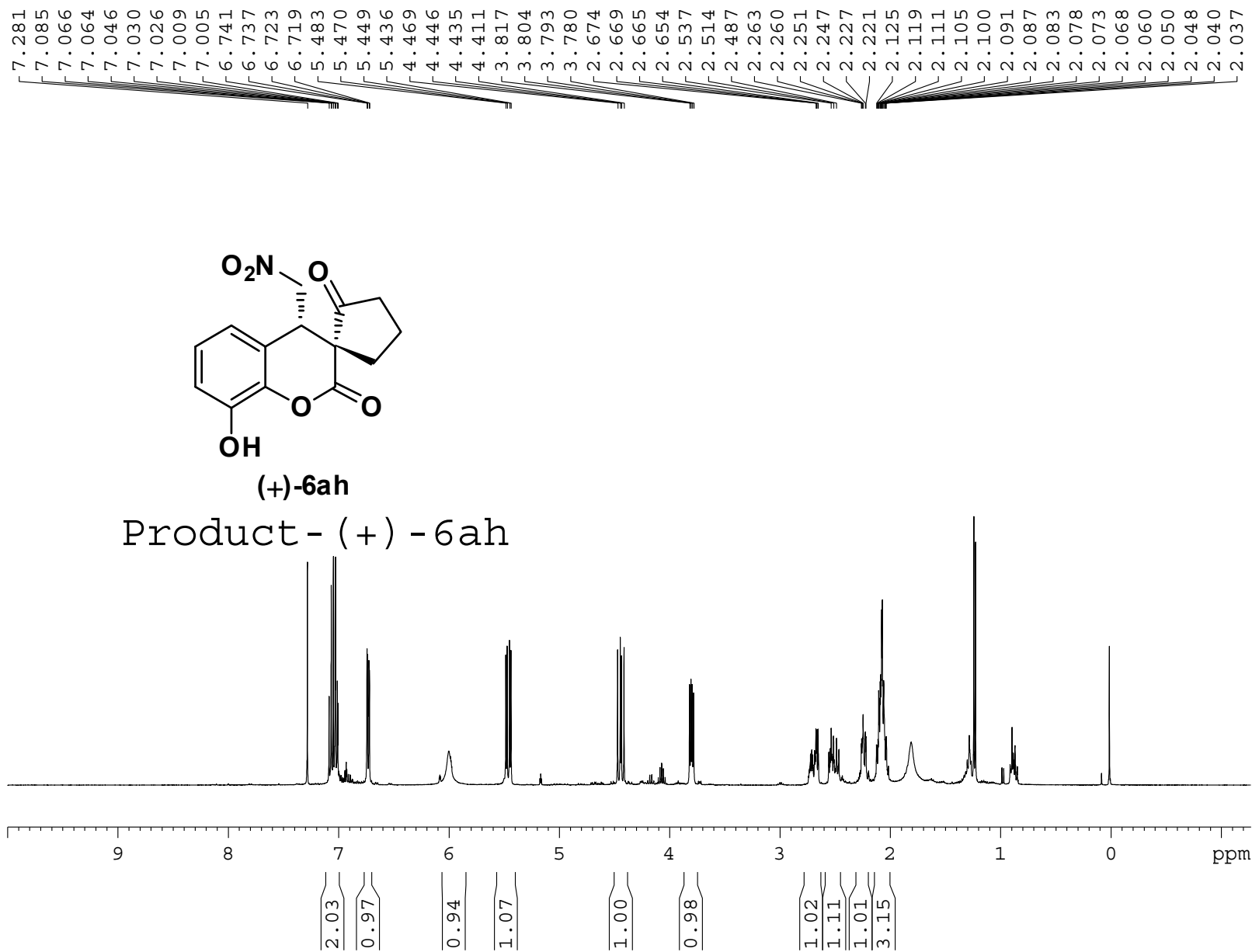


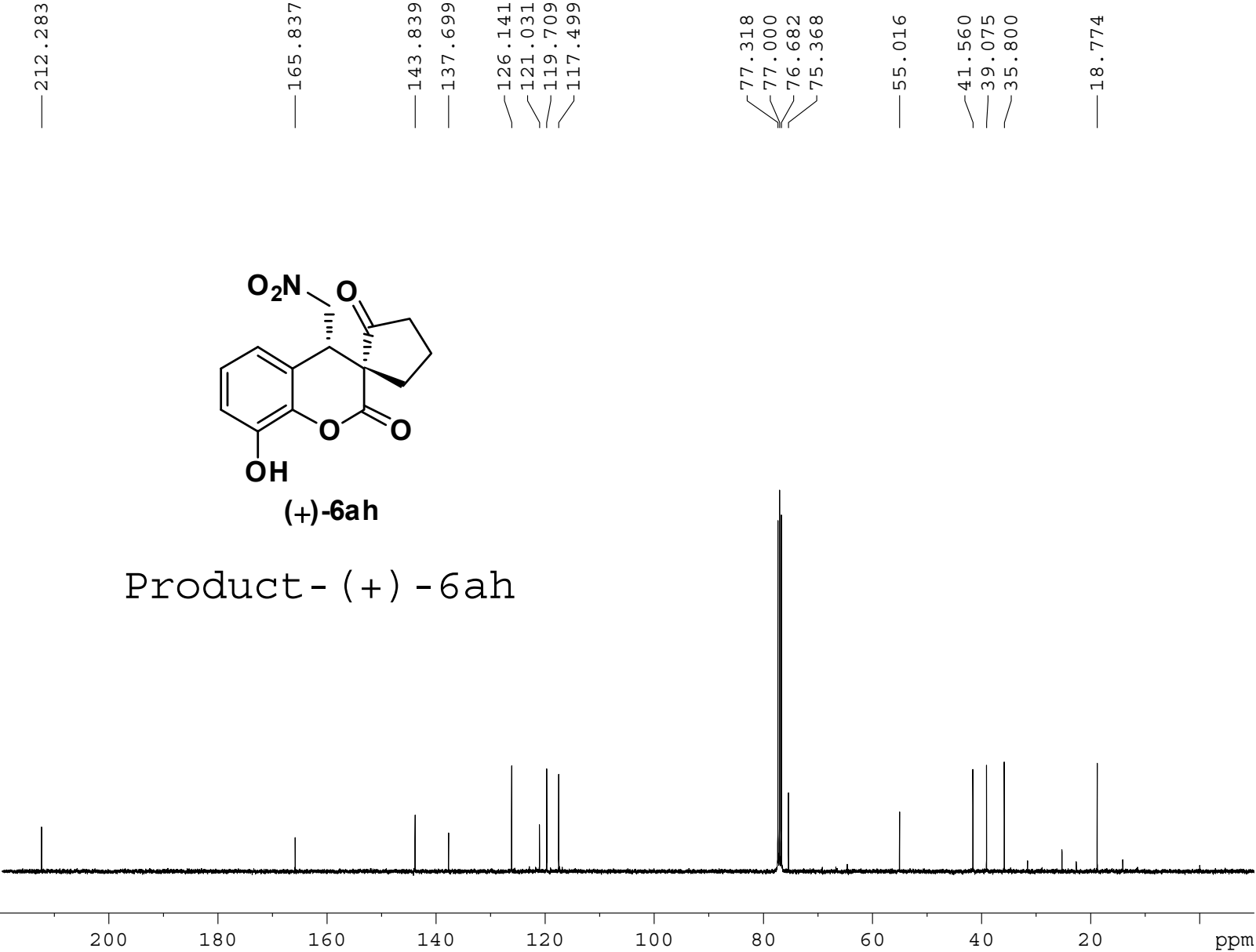


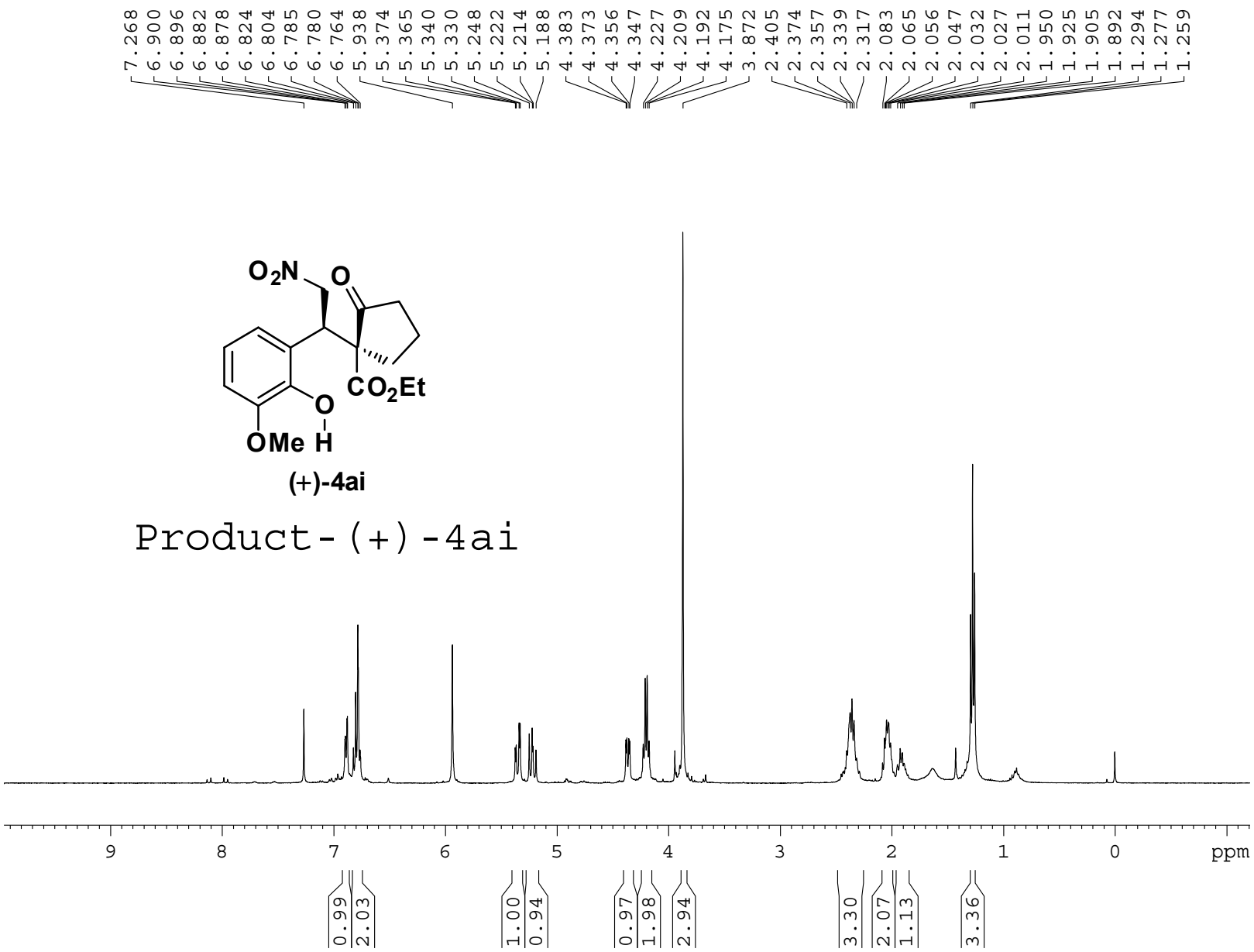


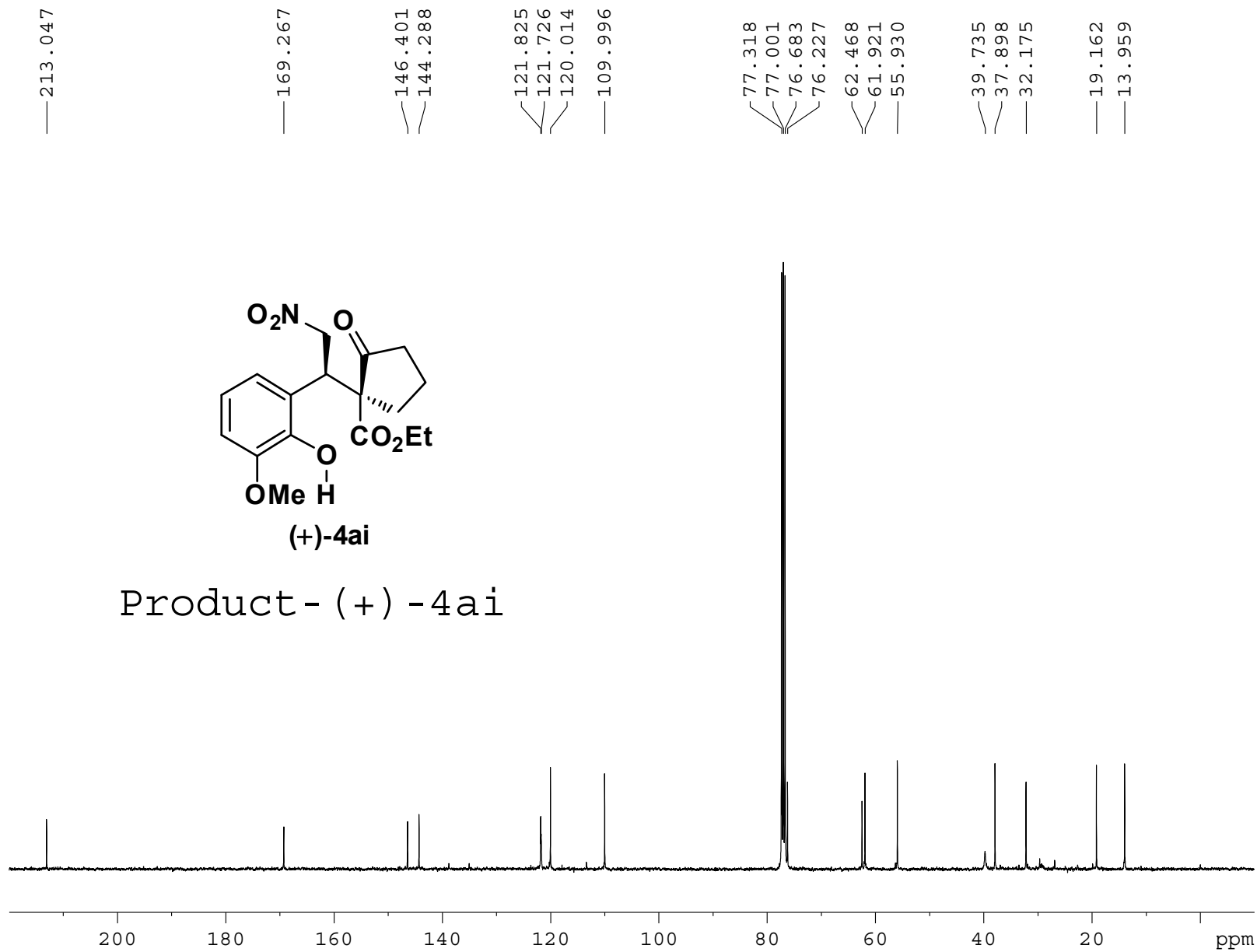


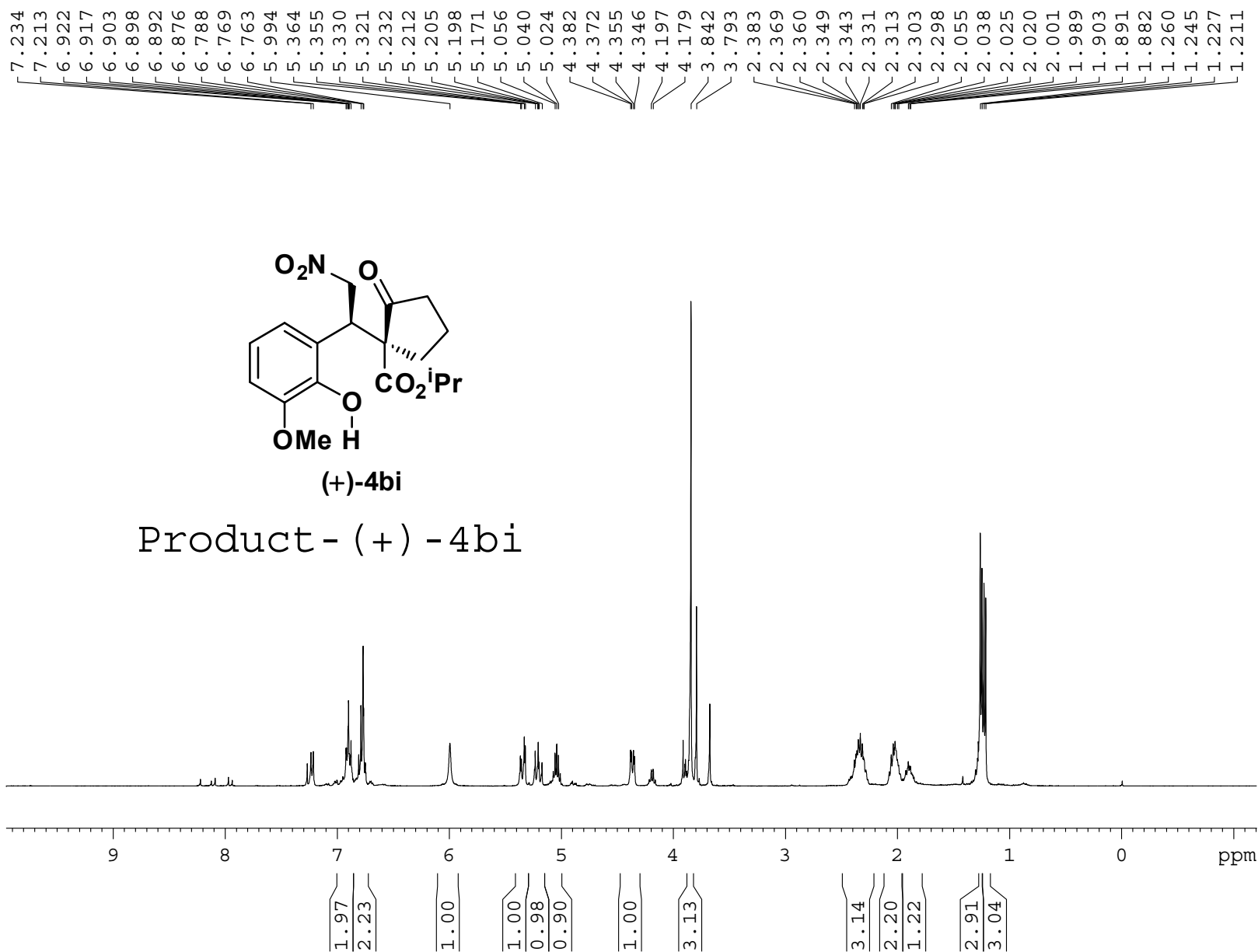


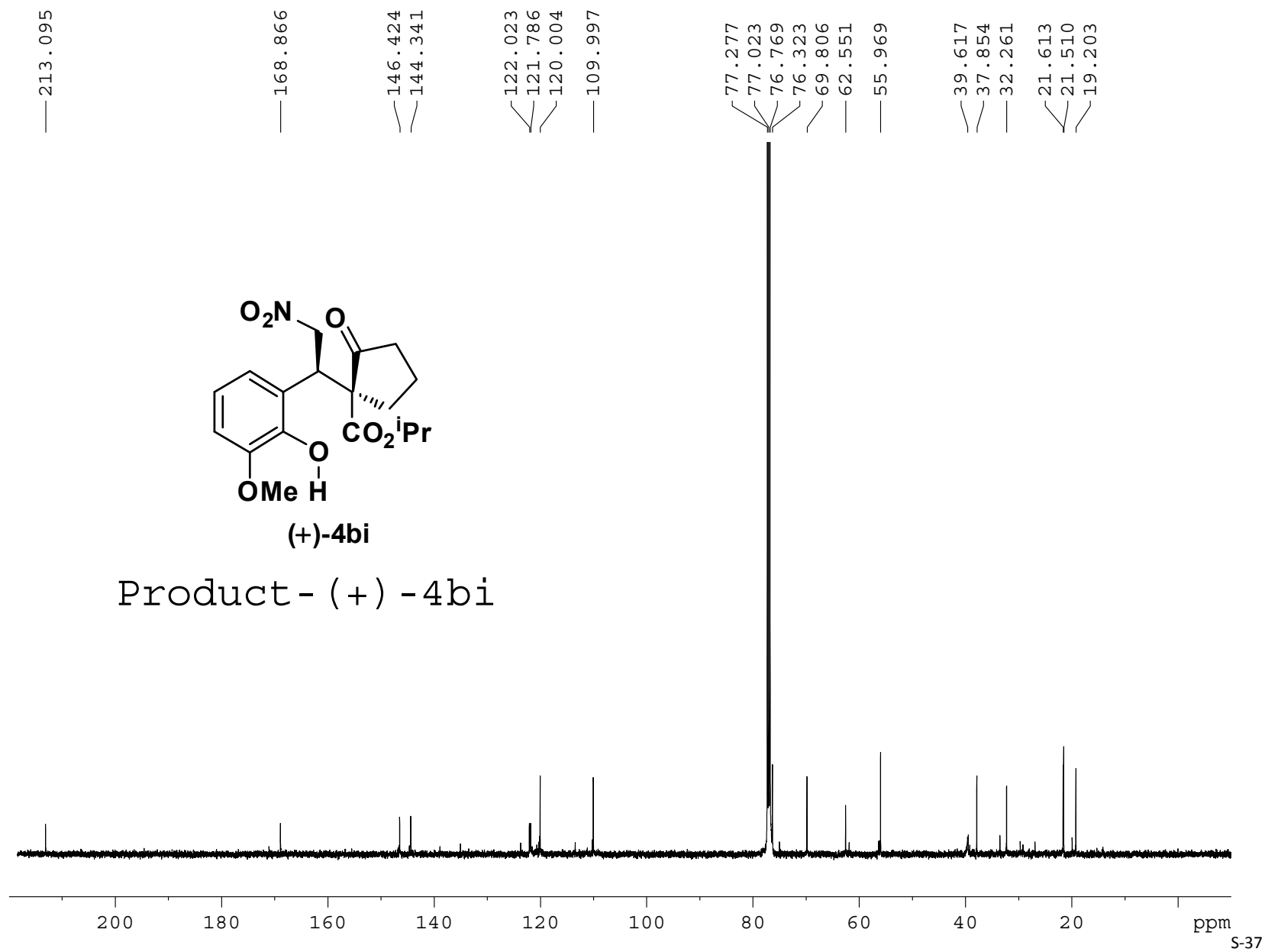


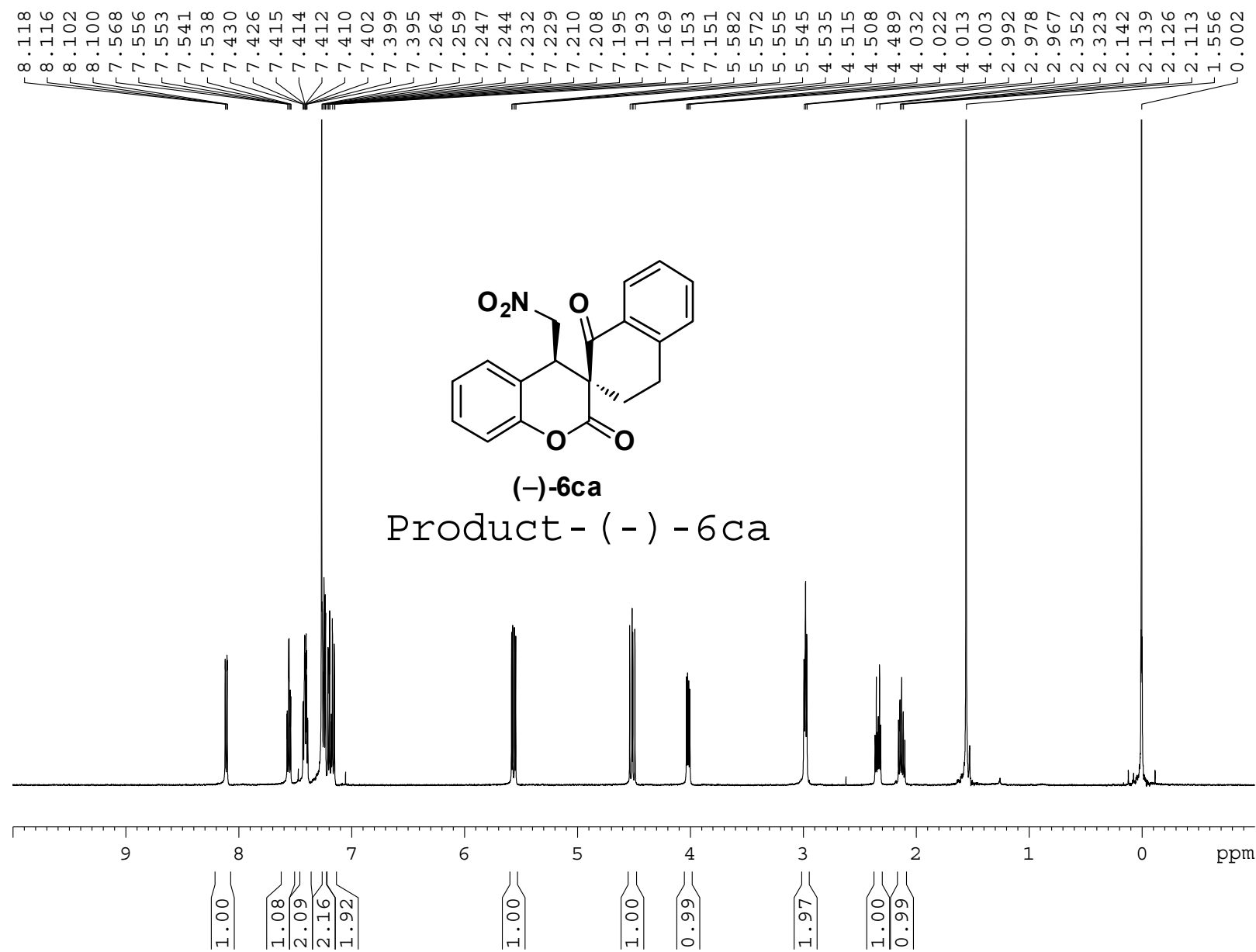


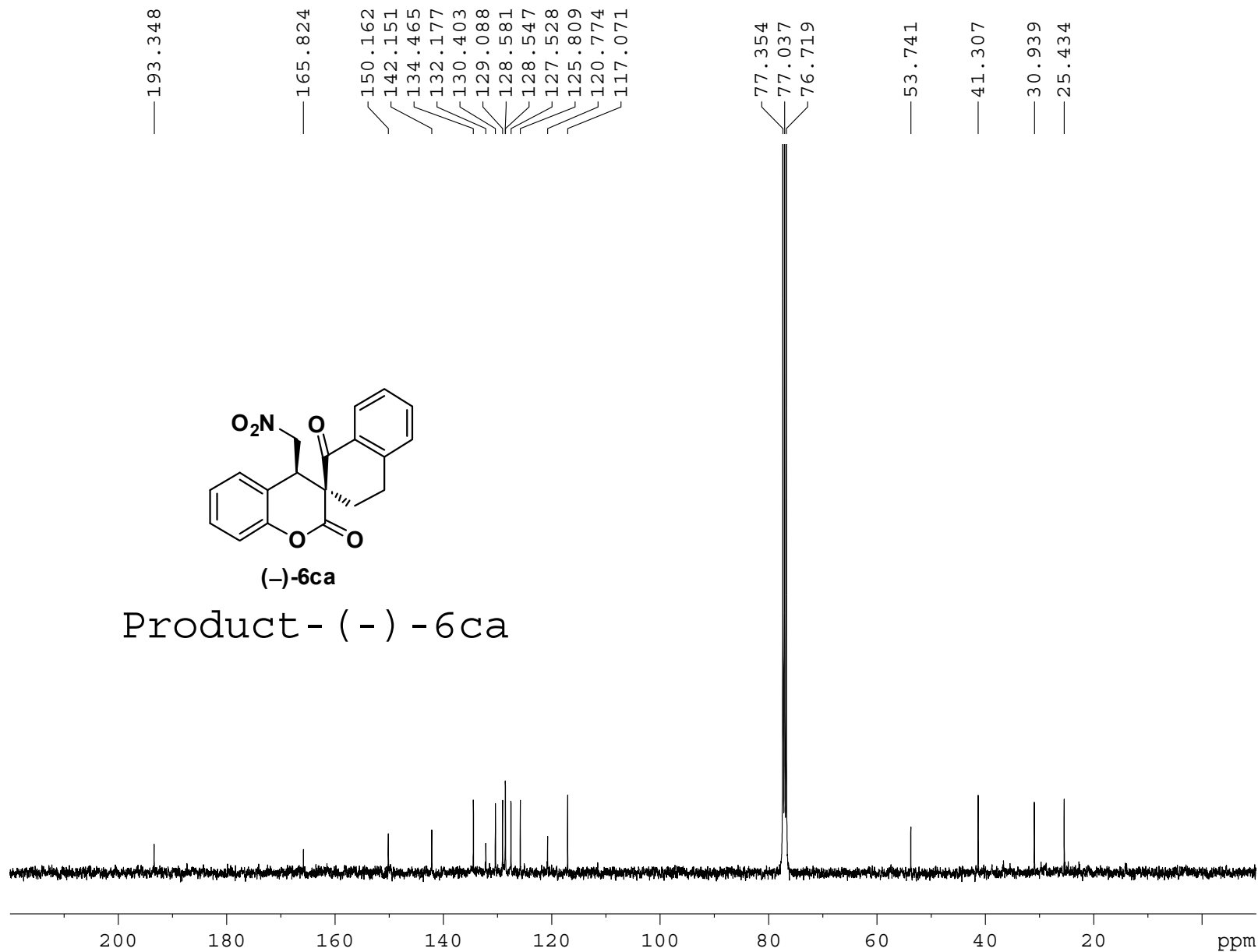


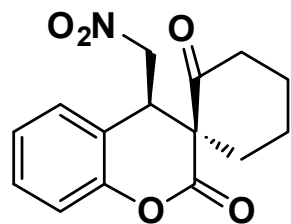






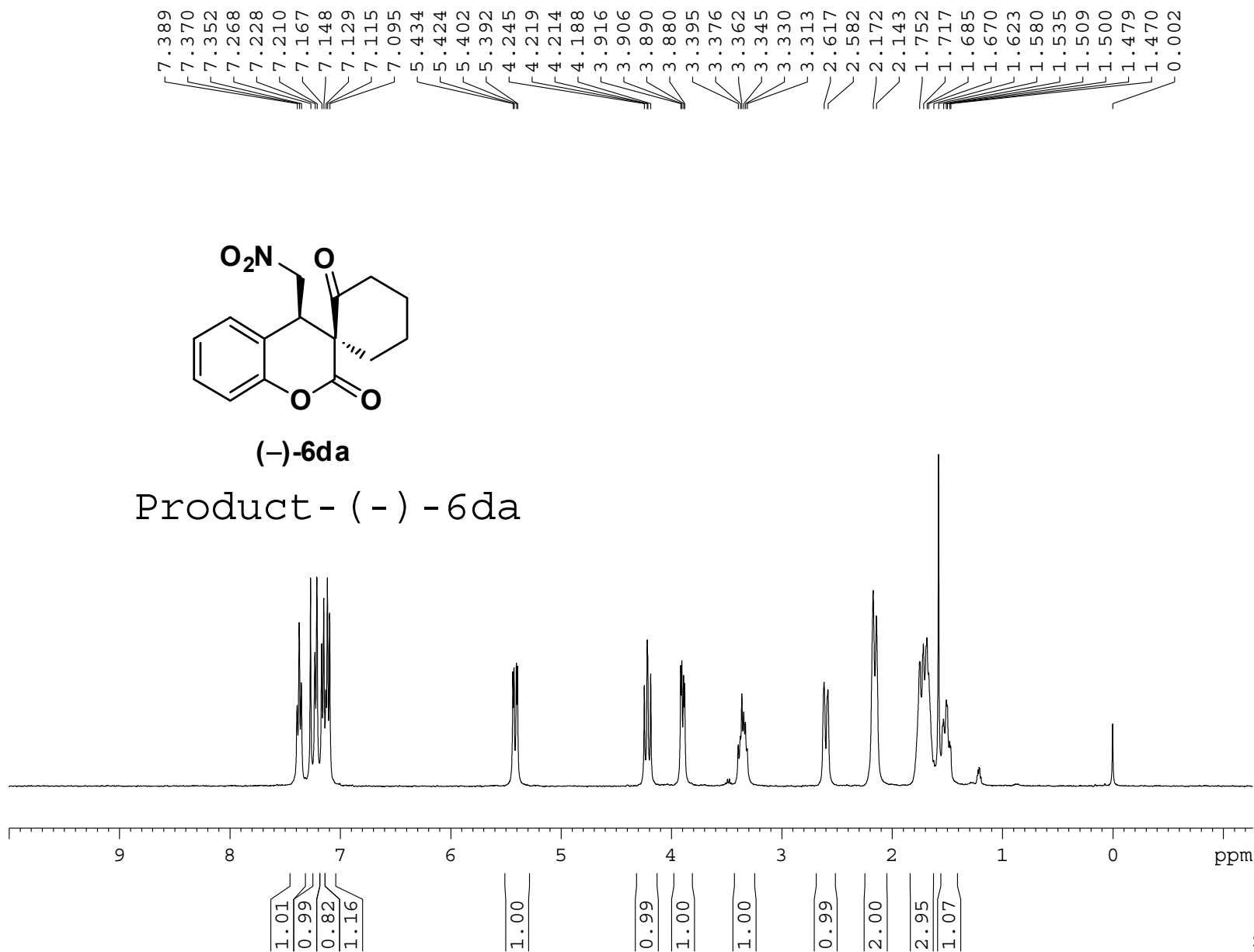


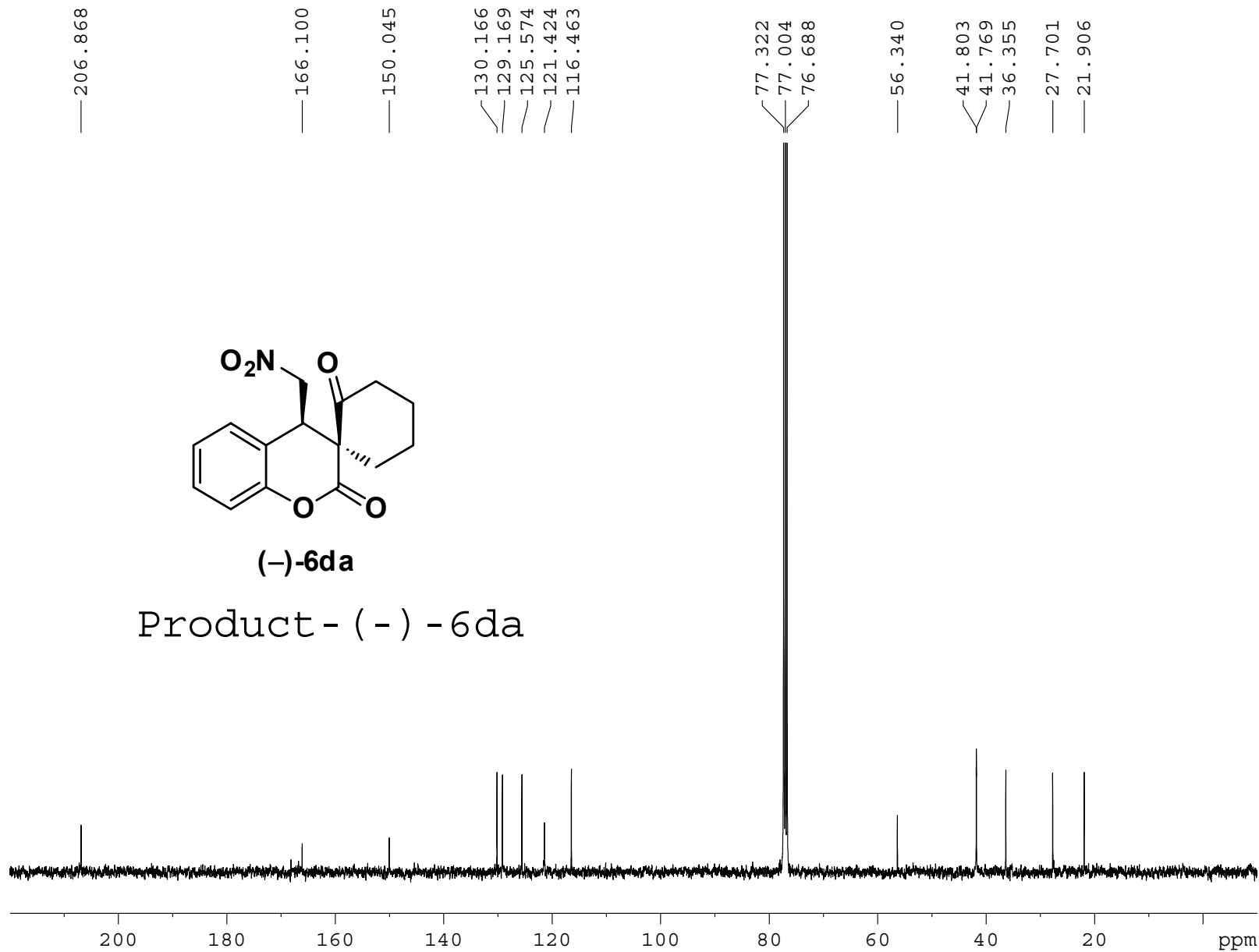


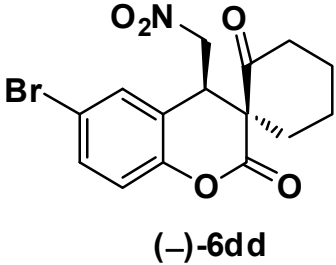
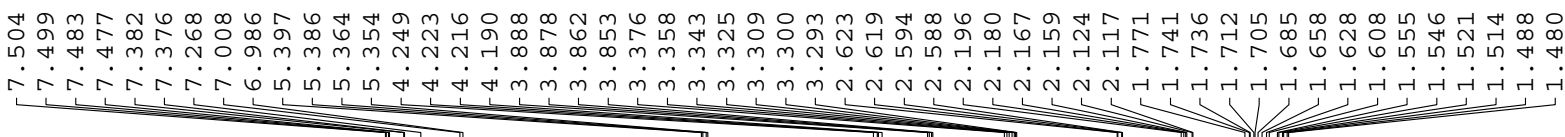


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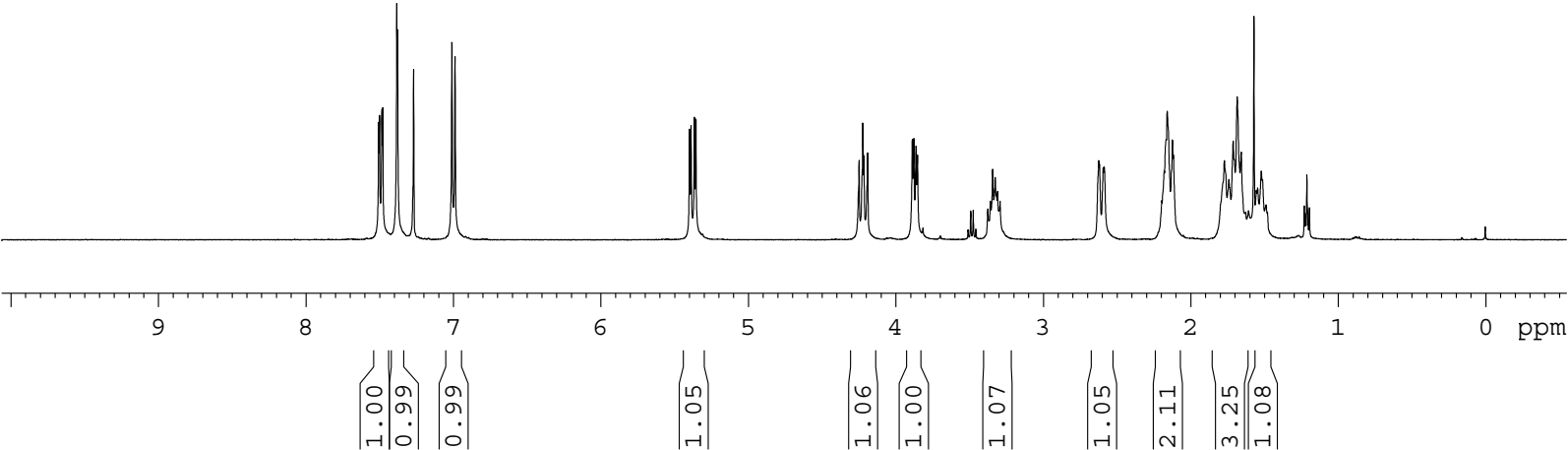
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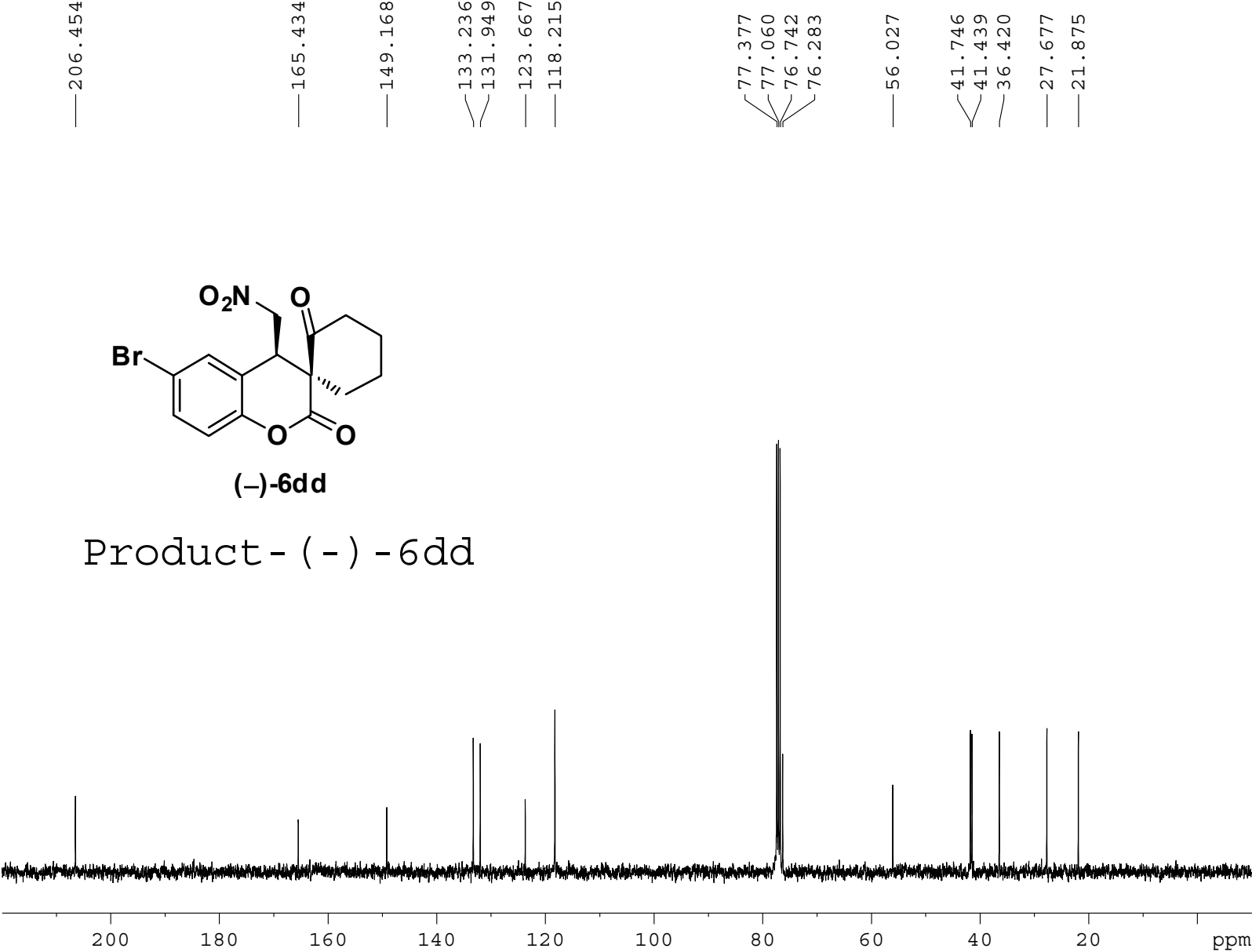


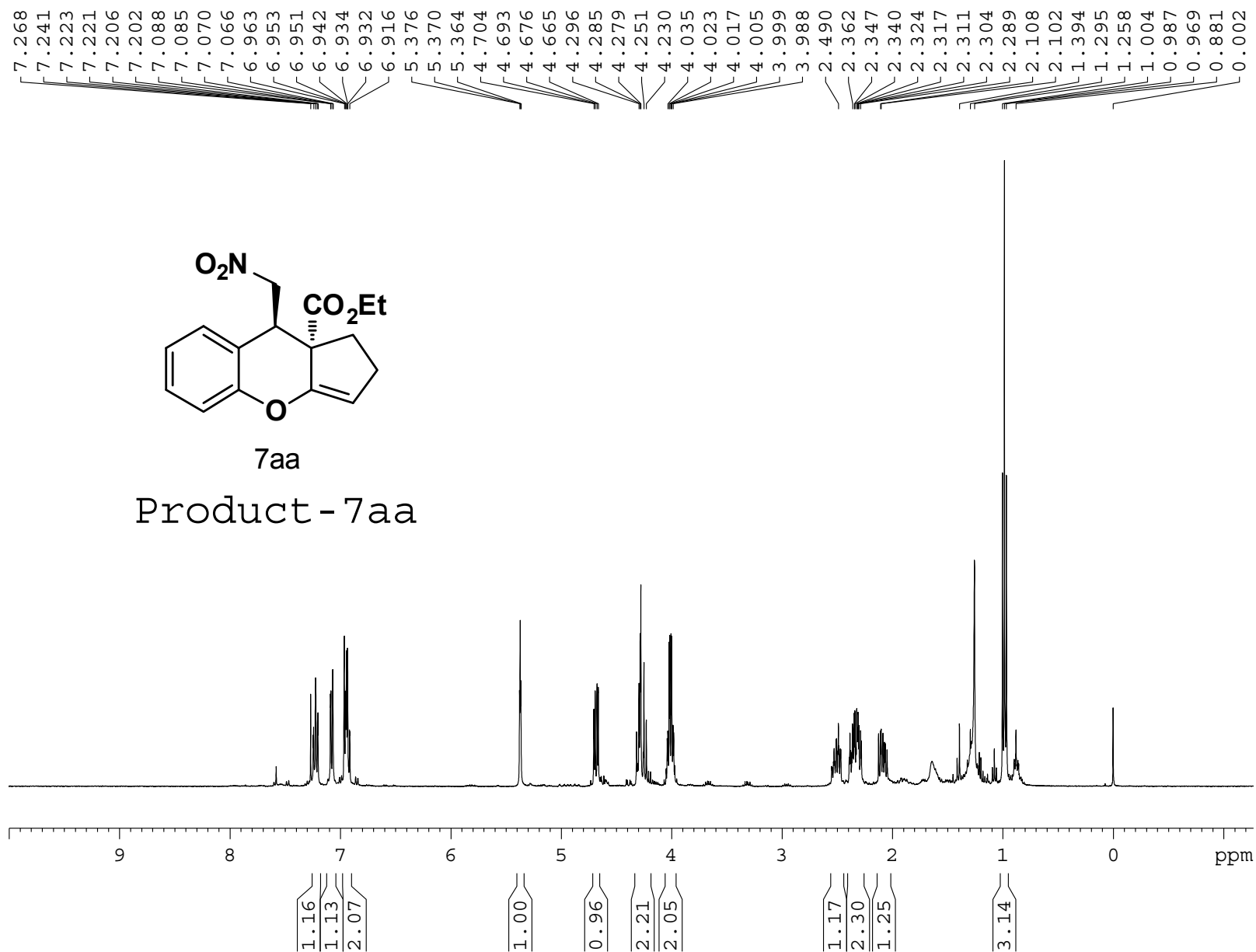


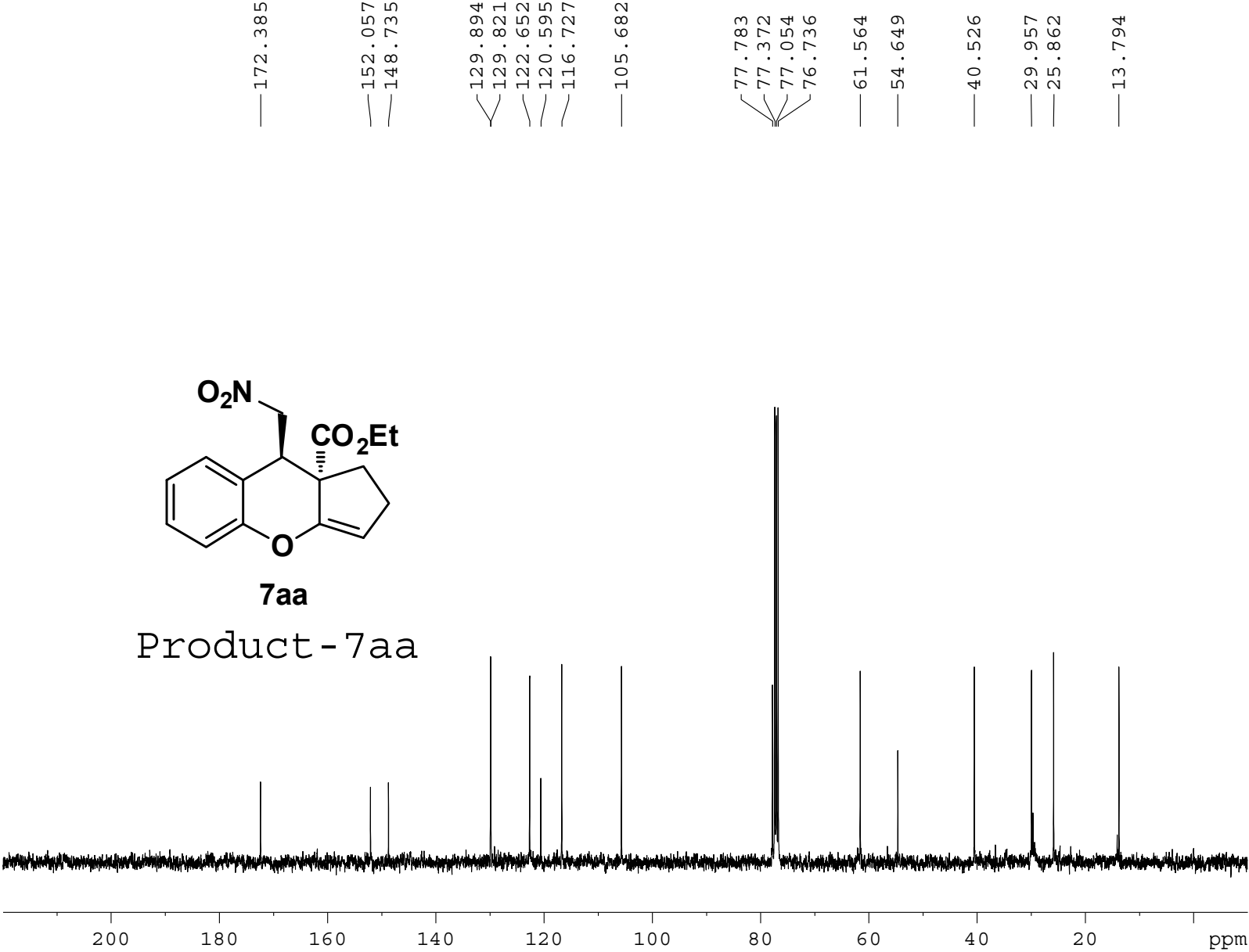


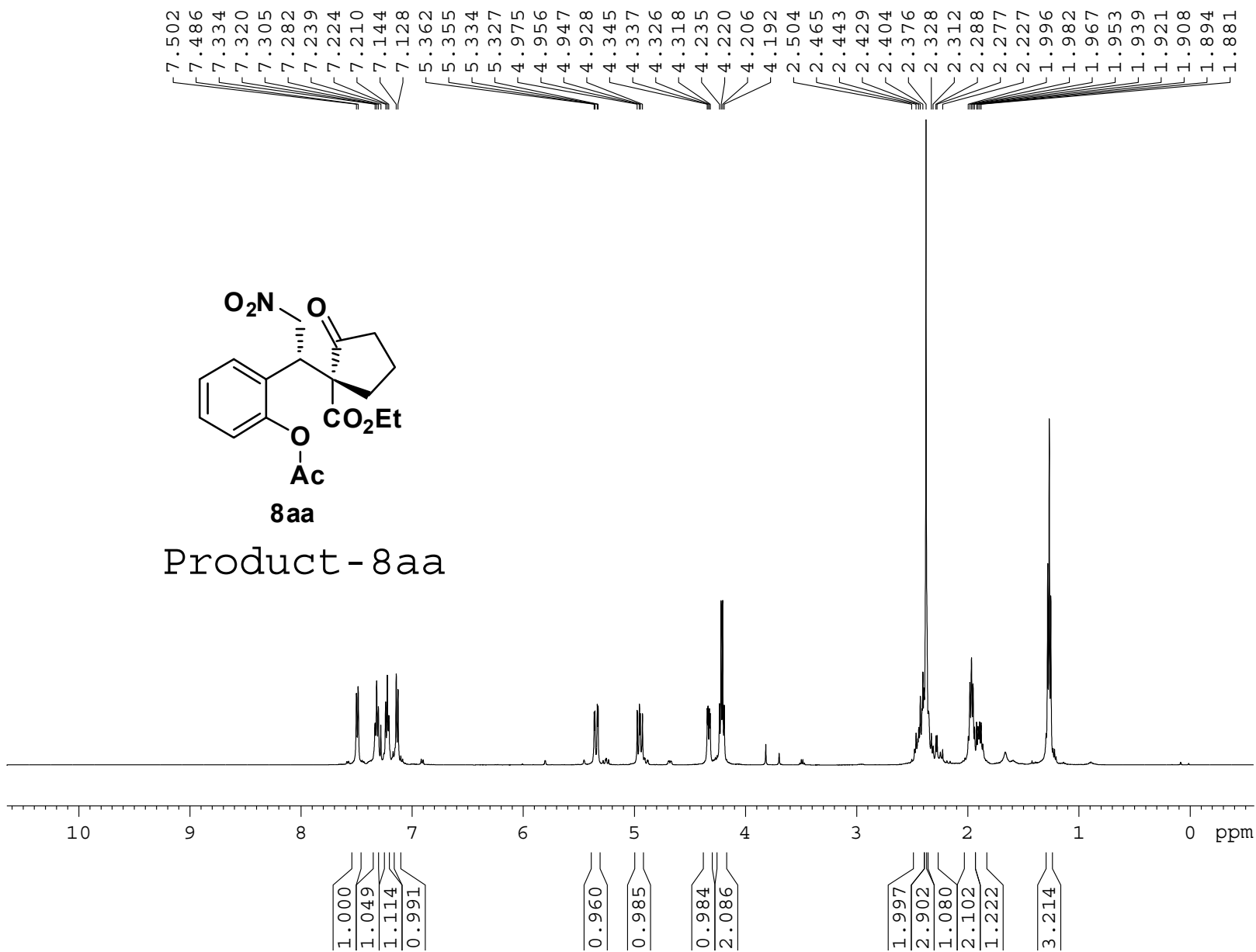
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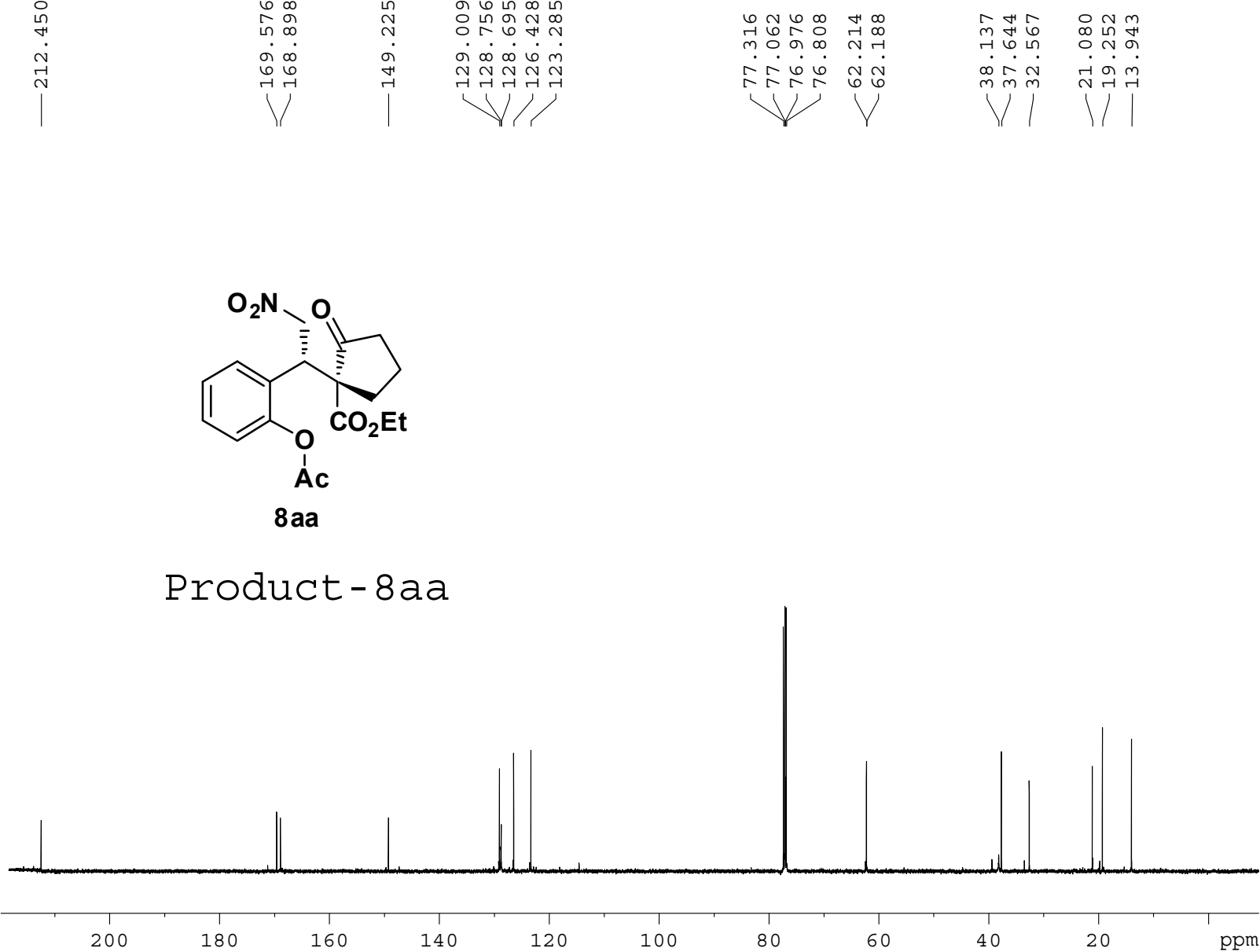


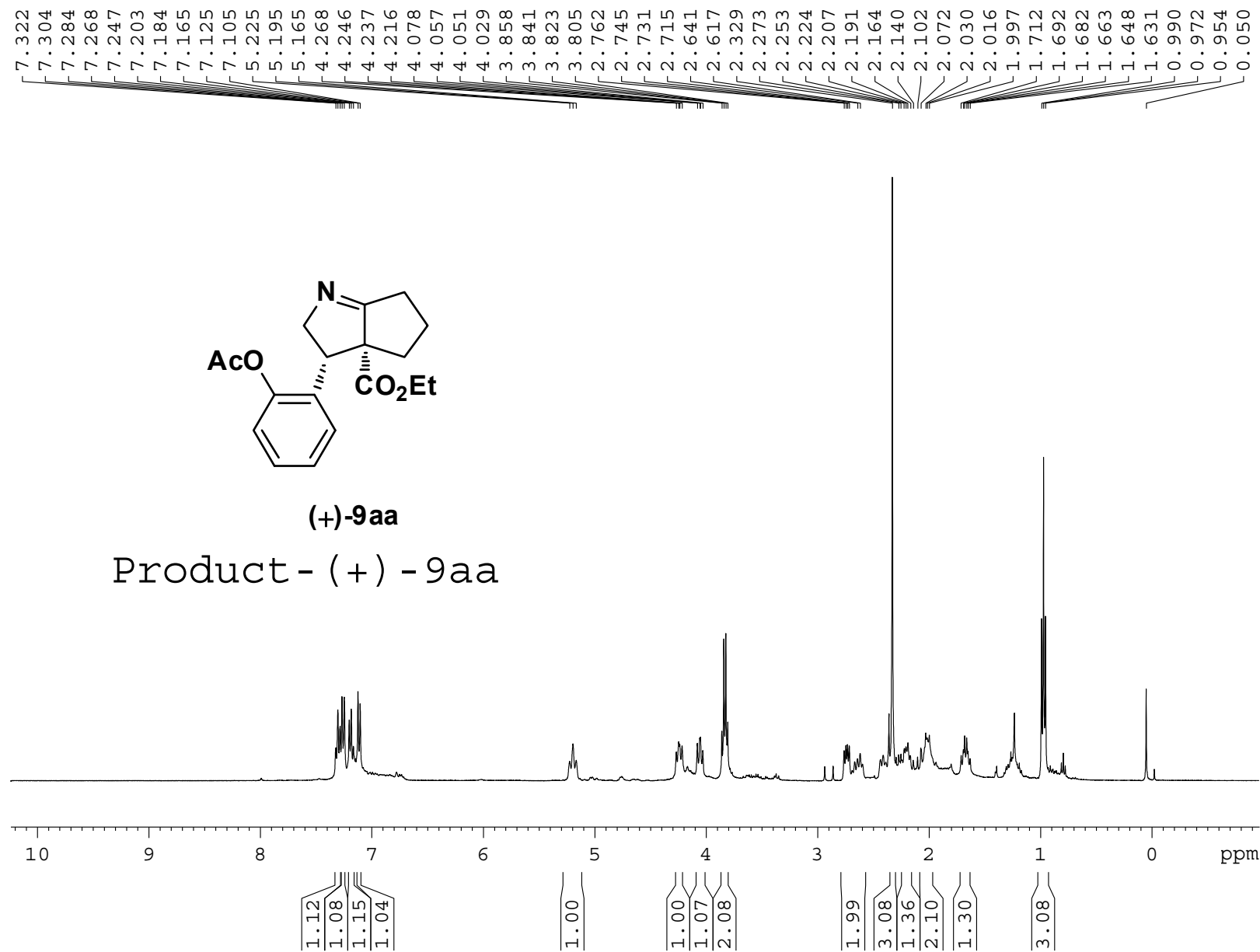


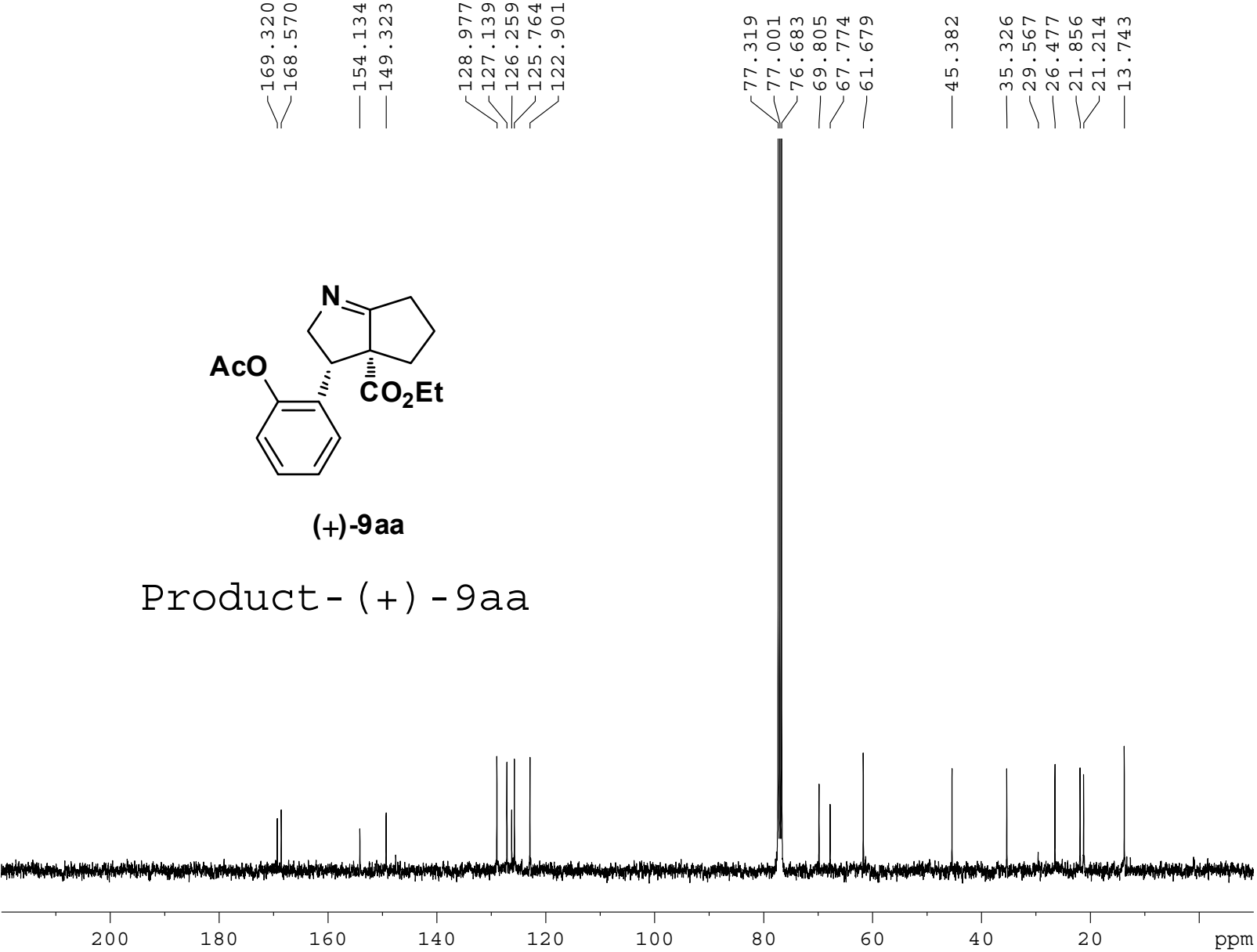


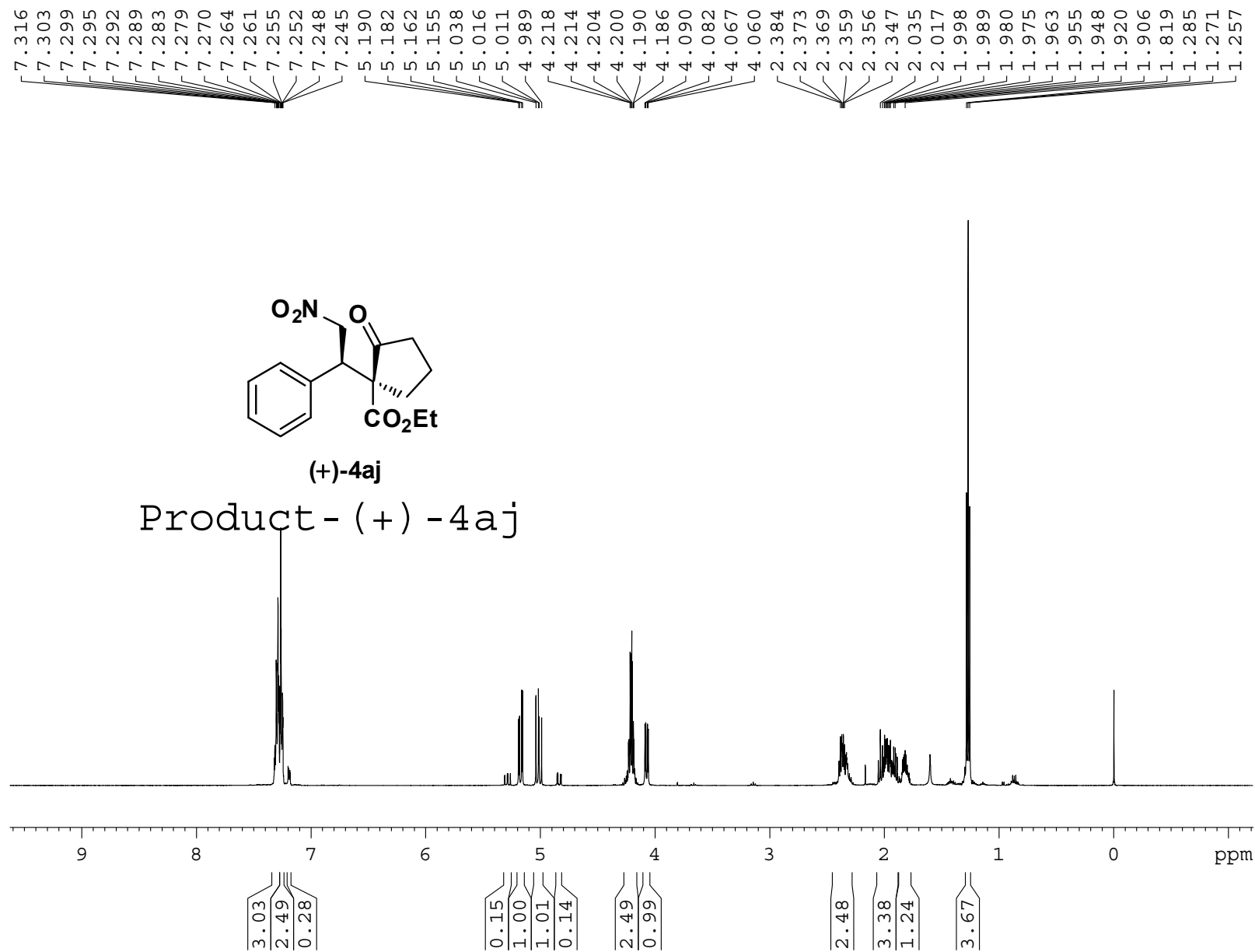


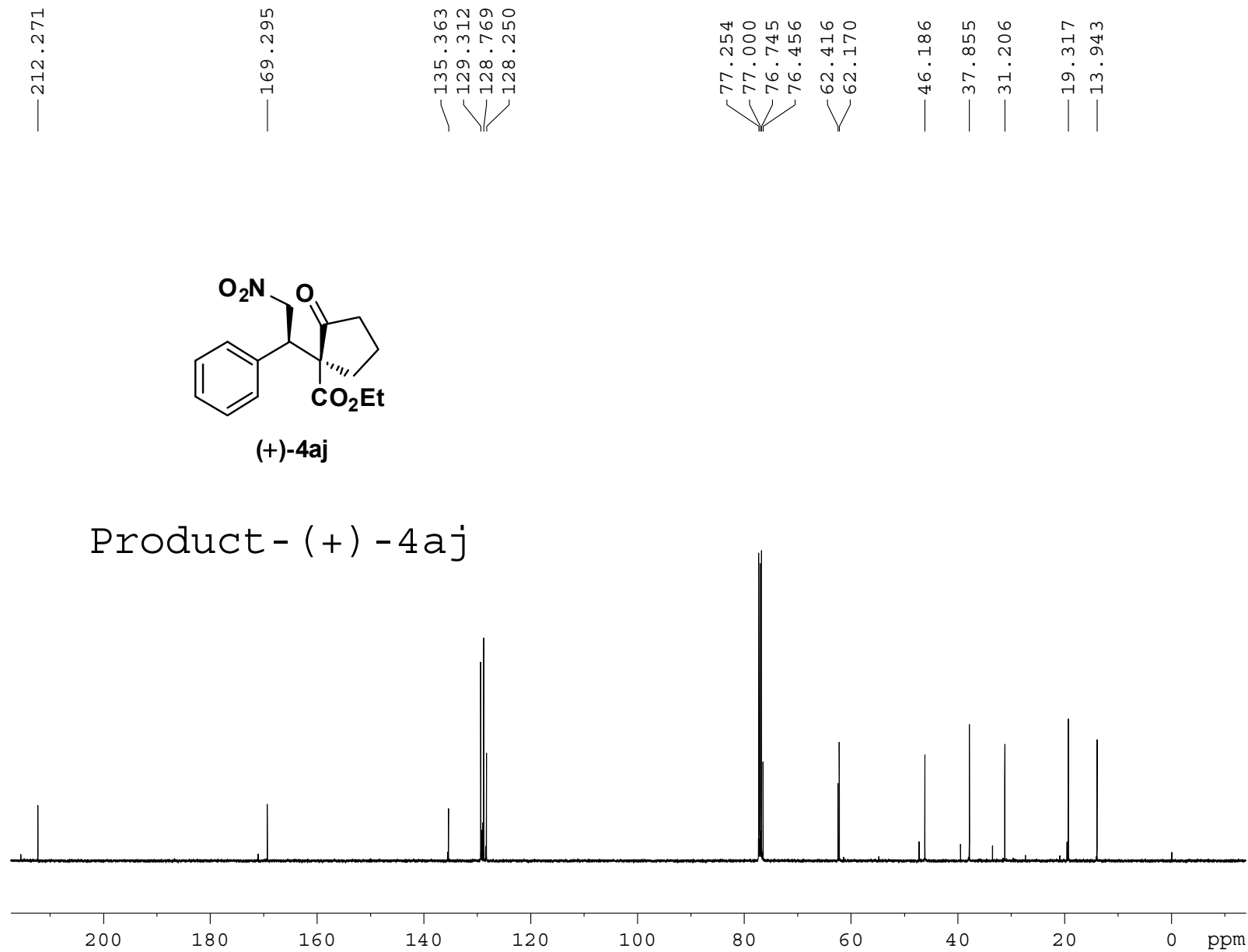












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