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Atmospheric Chemistry and Physics Discussions

Interactive comment on "The Acid-Catalyzed Hydrolysis of an α-Pinene-Derived Organic Nitrate: Kinetics, Products, Reaction Mechanisms, and Atmospheric Impact" *by* Joel D. Rindelaub et al.

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Thank you for the insightful comment. After review of the available NMR spectra, it is clear that we have synthesized an olefinic hydroxyl nitrate, as the reviewer has suggested (see Fig. 1). In addition, a typo was discovered in the reported proton NMR data. The second chemical shift at 5.6 ppm should instead read 4.1 ppm. The manuscript will be revised to incorporate these changes and supplemental information will be added to describe the molecular assignments of both the reactant and products.

Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2016-726, 2016.

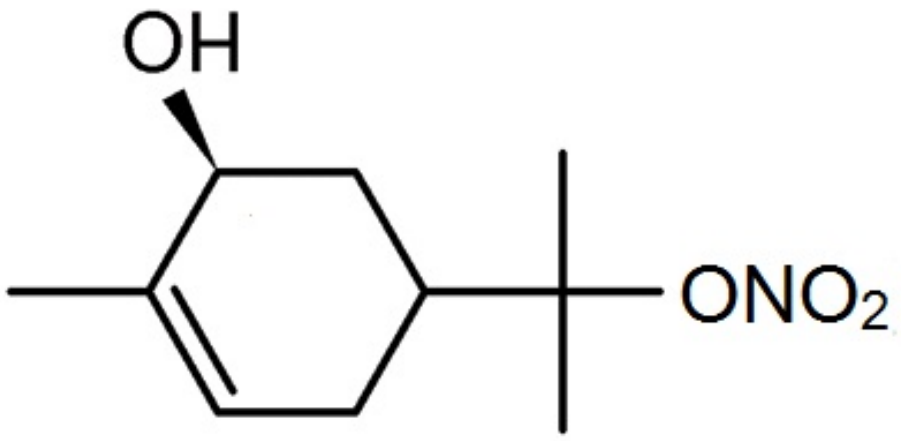

Fig. 1. The structure of the synthesized alpha-pinene-derived hydroxyl nitrate.