

Atmos. Chem. Phys. Discuss., community comment CC1  
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## **Comment on acp-2021-703**

Jessica Haskins

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Community comment on "Secondary organic aerosol and organic nitrogen yields from the nitrate radical (NO<sub>3</sub>) oxidation of alpha-pinene from various RO<sub>2</sub> fates" by Kelvin H. Bates et al., Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2021-703-CC1>, 2021

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To improve the accessibility of the suggested mechanism, and for easier comparisons to representations of a-pinene oxidation in other atmospheric chemistry models, I suggest the authors include the SMILES strings that correspond to each compound within the Supplement of the paper. For any lumped molecules, an example of the SMILES string for such a compound that would be sufficient.