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Comment

***Interactive comment on* “Technical Note:  
Synthesis of isoprene atmospheric oxidation  
products: isomeric epoxydiols and the  
rearrangement products *cis*- and  
*trans*-3-methyl-3,4-dihydroxytetrahydrofuran” by  
Z. Zhang et al.**

**Z. Zhang et al.**

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We sincerely thank both reviewers for their review and helpful suggestions. We agree with all the corrections and suggestions raised by the reviewers and we have revised the manuscript accordingly. All the comments are addressed as the following:

Reviewer 1 (Dr. Magda Claeys)

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Suggestion 1) 2. Experimental section: I suggest to provide the addresses of the suppliers for the chemicals used.

Response: We have provided the vendor information in the text for all the chemicals used.

Suggestion 2) Page 14250 – line 8: the abbreviations BSTFA and TMCS should be explained.

Response: We have included the chemical name in addition to the abbreviations.

Suggestion 3) Page 14251 – line 22 (and places elsewhere): replace “ether” by “diethyl ether”.

Response: We have replaced all the words “ether” in text with “diethyl ether”.

Suggestion 4) Page 14253 – line 22: : : :: : :, 191, : : .. (delete a “;”)

Response: Deleted.

Suggestion 5) Figures: it would be useful to explain the abbreviations for the chemicals used again in the legends to the figures.

Response: In the figure legends, we have added the chemical name for the abbreviations used in the figure.

Reviewer 2.

Review 2 recommended this manuscript to be published as is and had no further corrections.

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Interactive comment on Atmos. Chem. Phys. Discuss., 12, 14247, 2012.

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