



Correction to: Rate constants for the reactions of OH radicals with $\text{CF}_3\text{CX}=\text{CY}_2$ ($\text{X}=\text{H}, \text{F}, \text{CF}_3, \text{Y}=\text{H}, \text{F}, \text{Cl}$)

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Published online: 24 December 2019

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Correction to: Environ Sci Pollut Res (2018) 25:15204–15215

<https://doi.org/10.1007/s11356-018-1700-4>

We make a correction to the original paper because there was a mistake in our preceding paper (Tokuhashi et al. 2018) that was cited in the original paper. In our preceding paper, we reported the measured rate constant of OH radicals with (*E*)-CHF=CHF. However, we have found the sample (obtained from Asahi Glass) was not the *E* isomer but the *Z* isomer and we have already corrected the identification of this isomer

(Tokuhashi et al. 2019). In the original paper, we calculated the OH rate constant by the number of structure based on Equation 1. The number of structure is different between the *Z* and the *E* isomers. Therefore, we recalculated the relation between calculated (*k*_{cal}) and observed (*k*_{obs}) OH reaction rates. The correct image of Figure 6 and correct presentation of Tables S4 and S5 are shown in this paper.

The online version of the original article can be found at <https://doi.org/10.1007/s11356-018-1700-4>

Electronic supplementary material The online version of this article (<https://doi.org/10.1007/s11356-019-07376-0>) contains supplementary material, which is available to authorized users.

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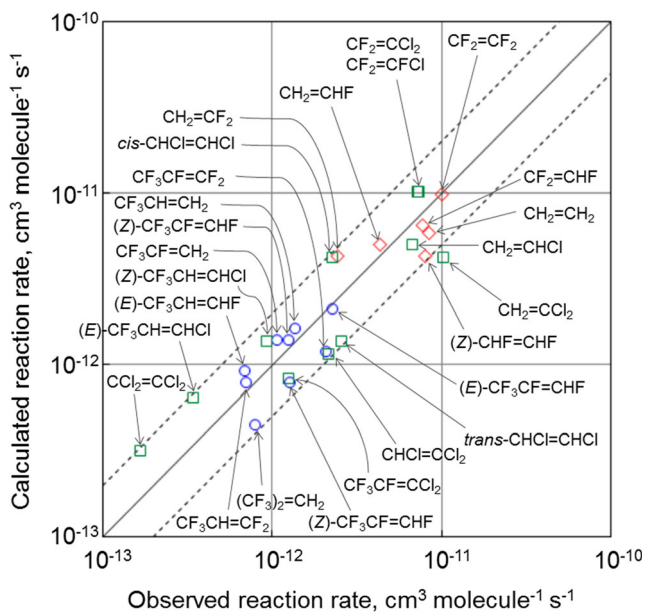


Fig. 6 Plot of observed versus calculated OH reaction rates. Inner region between two dotted lines represent that the observed and calculated reaction rates agree within a factor of 2. ◆, C2-hydrofluoroalkene; ○, C3, C4-hydrofluoroalkene; □, chlorinated alkene

References

Tokuhashi K, Takizawa K, Kondo S (2018) Rate constants for the reactions of OH radicals with fluorinated ethenes. *J Phys Chem A* 122: 4593–4600. <https://doi.org/10.1021/acs.jpca.7b11653>

Tokuhashi K, Takizawa K, Kondo S (2019) Correction to “rate constants for the reactions of OH radicals with fluorinated ethenes”. *J Phys Chem A* 123:382–383. <https://doi.org/10.1021/acs.jpca.8b11536>

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