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CORRECTION

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# Correction: The effect of an ionic liquid on the rate of reaction at a phosphorus centre

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Correction for 'The effect of an ionic liquid on the rate of reaction at a phosphorus centre' by Bradley J. Butler *et al.*, *New J. Chem.*, 2015, DOI: 10.1039/c4nj01224k.

In Tables 3 and 5, the units for entropy are incorrectly listed as kJ mol$^{-1}$. The correct unit is J K$^{-1}$ mol$^{-1}$, and the correct tables are shown below.

Table 3 Activation parameters for the ethanolysis of diethyl chlorophosphate at different mole fractions of [bmim][$(CF_3SO_2)_2N$] in ethanol-$d_6$

| $\chi$ [bmim][$(CF_3SO_2)_2N$] | $\Delta H^{\ddagger}$/kJ mol$^{-1}$ [a] | $\Delta S^{\ddagger}$/J K$^{-1}$ mol$^{-1}$ [a] |
|---|---|---|
| 0 | 62 ± 2 | −201 ± 7 |
| 0.31 | 47 ± 2 | −238 ± 8 |
| 0.72 | 44 ± 3 | −253 ± 11 |

[a] Uncertainties quoted are derived from the fit of the linear regression.

Table 5 Activation parameters in the presence of the salts [bmim][$(CF_3SO_2)_2N$], [bmim][Cl] and lithium bis(trifluoromethylsulfonyl)imide in ethanol-$d_6$ for the ethanolysis of diethyl chlorophosphate

| $\chi_{salt}$ | $\Delta H^{\ddagger}$/kJ mol$^{-1}$ [a] | $\Delta S^{\ddagger}$/J K$^{-1}$ mol$^{-1}$ [a] |
|---|---|---|
| 0 | 62 ± 2 | −201 ± 7 |
| 0.21 [bmim][$(CF_3SO_2)_2N$] | 46 ± 2 | −243 ± 7 |
| 0.24 [Li][$(CF_3SO_2)_2N$] | 76 ± 5 | −180 ± 16 |
| 0.22 [bmim][Cl] | 52 ± 1 | −215 ± 4 |

[a] Uncertainties quoted are derived from the fit of the linear regression.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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