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CORRECTION

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Correction: Dehydrocoupling of phosphine—boranes using the [RhCp*Me(PMe₃)(CH₂Cl₂)][BAr^F₄] precatalyst: stoichiometric and catalytic studies

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Correction for 'Dehydrocoupling of phosphine–boranes using the [RhCp*Me(PMe₃)(CH₂Cl₂)][BAr^F₄] precatalyst: stoichiometric and catalytic studies' by Thomas N. Hooper *et al.*, *Chem. Sci.*, 2016, DOI: 10.1039/c5sc04150c.

The authors regret that in the original article the structures of two of the compounds in Scheme 12 contained errors. A corrected version of Scheme 12 is presented herein, where a -PMe₃ ligand has been removed from the third compound in part A and a hydrogen atom has been removed from the -PPhH group of the first compound in part C.

(A) B-H / P-H activation
$$\begin{bmatrix}
Rh \end{bmatrix}^{+}_{H} & H & -H_{2} & Rh \end{bmatrix}^{+}_{PPhH_{2}} & H_{2}B & PPhH$$

$$\begin{bmatrix}
Rh \end{bmatrix}^{+}_{H} & H & -H_{2} & Rh \end{bmatrix}^{+}_{PPhH_{2}} & H_{2}B & PPhH$$

(B) Reversible chain transfer (step-growth like)

H₃B·PPhH₂ H₃B·PPhHBH₂·PPhH₂ (2)

Scheme 12 Suggested mechanisms for dehydropolymerization. [Rh] = Rh(PR₃)Cp* (PR₃ = PMe₃ or PPhH₂).

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

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