

Additions and Corrections

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Kajin Lee, Peter Legzdins,* Craig B. Pamplin, Brian O. Patrick, and Kenji Wada: Intermolecular Activation of Hydrocarbon C–H Bonds Initiated by the Tungsten Hydrocarbyl Hydrido Complexes $\text{Cp}^*\text{W}(\text{NO})(\text{R})(\text{H})(\text{PMe}_3)$ (R = Alkyl, Aryl)

Page 646. The ^1H NMR coupling constants reported for two of the complexes have been transcribed incorrectly. The correct data are presented below. We thank Professor Ged Parkin for bringing this error to our attention.

For *trans*- $\text{Cp}^*\text{W}(\text{NO})(\text{CH}_2\text{SiMe}_3)(\text{H})(\text{PMe}_3)$: ^1H NMR (500 MHz, C_6D_6) δ –1.25 (ddd, 1H, $^2J_{\text{HWP}} = 87.9$ Hz, $^3J_{\text{HWH}_\text{B}} = 6.7$ Hz, $^3J_{\text{HWH}_\text{A}} = 5.9$ Hz, $^1J_{\text{HW}} = 56.6$ Hz (satellites), W–H_W), –0.97 (ddd, 1H, $^3J_{\text{HAP}} = 16.7$ Hz, $^2J_{\text{H}_\text{A} \text{H}_\text{B}} = 13.4$ Hz, $^3J_{\text{H}_\text{A} \text{H}_\text{W}} = 5.9$ Hz, $\text{WCH}_\text{A} \text{H}_\text{B}$), –0.68 (ddd, 1H, $^3J_{\text{HBP}} = 24.9$ Hz, $^2J_{\text{H}_\text{B} \text{H}_\text{A}} = 13.4$ Hz, $^3J_{\text{H}_\text{B} \text{H}_\text{W}} = 6.7$ Hz, $\text{WCH}_\text{A} \text{H}_\text{B}$), 0.49 (s, 9H, CH_2SiMe_3), 1.09 (d, 9H, $^2J_{\text{PH}} = 8.3$ Hz, PMe_3), 1.78 (s, 15H, C_5Me_5).

For *cis*- $\text{Cp}^*\text{W}(\text{NO})(\text{CH}_2\text{SiMe}_3)(\text{H})(\text{PMe}_3)$: ^1H NMR (300 MHz, C_6D_6) δ –1.26 (ddd, 1H, $^2J_{\text{HWP}} = 93.7$ Hz, $^3J_{\text{HWH}_\text{B}} = 6.5$ Hz, $^3J_{\text{HWH}_\text{A}} = 5.9$ Hz, $^1J_{\text{HW}} = 57.4$ Hz (satellites), W–H_W), –0.97 (ddd, 1H, $^3J_{\text{HAP}} = 19.5$ Hz, $^2J_{\text{H}_\text{A} \text{H}_\text{B}} = 13.5$ Hz, $^3J_{\text{H}_\text{A} \text{H}_\text{W}} = 5.9$ Hz, $\text{WCH}_\text{A} \text{H}_\text{B}$), –0.69 (ddd, 1H, $^3J_{\text{HBP}} = 25.0$ Hz, $^2J_{\text{H}_\text{B} \text{H}_\text{A}} = 13.5$ Hz, $^3J_{\text{H}_\text{B} \text{H}_\text{W}} = 6.5$ Hz, $\text{WCH}_\text{A} \text{H}_\text{B}$), 0.49 (s, 9H, CH_2SiMe_3), 1.09 (d, 9H, $^2J_{\text{PH}} = 8.3$ Hz, PMe_3), 1.78 (s, 15H, C_5Me_5).

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