ON THE COVER: Is sulfonyl transfer stepwise or concerted? Mechanistic insights deduced from theory are tested using a wide range of methods, demonstrating the challenge in drawing decisive conclusions. The picture also illustrates that the interpretation of experimental data can depend on how it is observed: dipping a straight object in water makes it look bent. See Kamerlin and co-workers, p 2816.

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Rhodium-Catalyzed Direct ortho C–N Bond Formation of Aromatic Azo Compounds with Azides
Hao Wang, Yang Yu, Xiaohu Hong, Qitao Tan, and Bin Xu*

\[
\begin{align*}
R^1 & \quad \text{N} \quad \text{R}^2 \\
+ \quad \text{R}^3 & \quad \text{N}_2 \\
\rightarrow & \quad \text{N} \quad \text{R}^1 \\
\text{[RhCp*Cl]_2} & \quad \text{N} \quad \text{R}^2 \\
\text{AgSbF_6, 85 °C} & \quad \text{CICH}_2\text{CH}_2\text{Cl} \\
\text{35 examples} & \quad \text{up to 97% yield}
\end{align*}
\]

R = Alkyl, Aryl, Sulfonyl

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