Divergent Reactivity of 2-Triazole Benzaldehydes under Rhodium Catalysis

**Significance:** *N*-Sulfonyl 1,2,3-triazoles can serve as convenient diazo compound precursors, when reacted with a suitable rhodium(II) catalyst. In the present report, the authors present the reaction of 2-triazole benzaldehydes and 2-triazole alkylaryl ketones with water and alcohols. The products generated are either valuable 2-amino-3-hydroxylindanones or dihydroisobenzofurans.

**Comment:** To support the existence of an oxoni-um intermediate, the starting triazole was reacted with the rhodium catalyst for two hours in the absence of nucleophiles. Upon addition of water, alcohol and Sc(OTf)3, products arising from paths A and B were formed in comparable yield, suggesting the presence of this common intermediate.