

Asymmetric Olefin Isomerization of Butenolides via Proton Transfer Catalysis by an Organic Molecule [*Journal of the American Chemical Society* **2011**, *133*, 12458–12461. DOI: 10.1021/ja205674x].
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Page 12458, left column. At the end of the first paragraph, the statement, “only a single example of olefin isomerization by enantioselective proton transfer catalysis, mediated by a bimetallic gadolinium complex, was reported in the literature,” should be “only a single example of olefin isomerization generating a new chiral center by enantioselective proton transfer catalysis, mediated by a bimetallic gadolinium complex, was reported in the literature.”

Reference 5 “Saga, Y.; Motoki, R.; Makino, S.; Shimizu, Y.; Kanai, M.; Shibasaki, M. *J. Am. Chem. Soc.* **2010**, *132*, 7905” should be, “(a) Saga, Y.; Motoki, R.; Makino, S.; Shimizu, Y.; Kanai, M.; Shibasaki, M. *J. Am. Chem. Soc.* **2010**, *132*, 7905. (b) For a desymmetrization of the meso compound 2,5-diphenylphosphol-3-ene amide via olefin isomerization by proton transfer catalysis in which the asymmetry was induced by an enantioselective deprotonation (83% ee), see: Hintermann, L.; Schmitz, M. *Adv. Synth. Catal.* **2008**, *350*, 1469. (c) For a kinetic resolution of racemic 1-methyl-indene via olefin isomerization by proton transfer catalysis in which the asymmetry was induced by an enantioselective deprotonation (enantioselectivity undetermined), see: Ohlsson, L.; Wallmark, I.; Bergson, G. *Acta Chem. Scand.* **1966**, *20*, 750.”

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