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Addition/Correction

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Correction to Silver-Catalyzed, Aldehyde-Induced α-C−H Functionalization of Tetrahydroisoquinolines with Concurrent C−P Bond Formation/N-Alkylation

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We regret that our lack of awareness of the important report on the mechanism of the exo-endo isomerization reported by Seidel in ref 1d and wish to amend the reaction mechanism presented in Scheme 2 of the article. Based on his work, it is more reasonable that AgOH might be first formed upon elimination of the carbinol/amine hydroxyl group during formation of the exo iminium ion, and then the Ag(I) ion rather than metal Ag(0) might play an important role on exo-endo iminium ion isomerization by assisting in the formation of an azomethine ylide intermediate **D** (Scheme 2). Furthermore, we regret the unintentional omission of other work on direct C1-alkylation of THIQs[1] first discovered by Yu[2] and Ma[3] independently in their three-component reactions of THIQs, aldehydes, and alkynes, as well as subsequently reported by Shao and co-workers,[4] which could inspire our current work.

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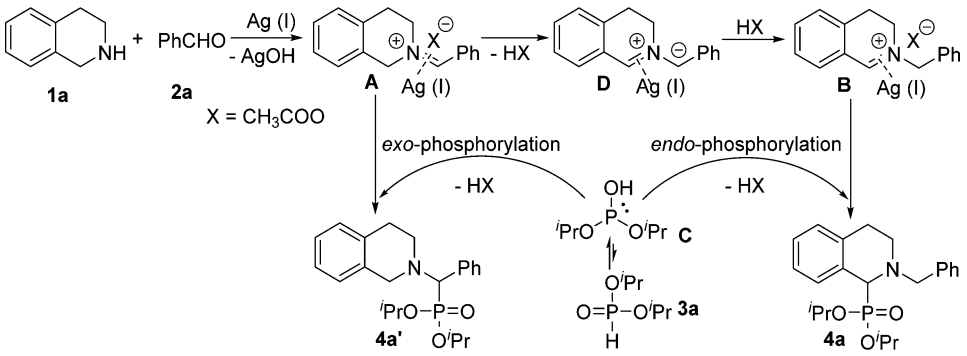
Scheme 2. Plausible Reaction Pathway



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