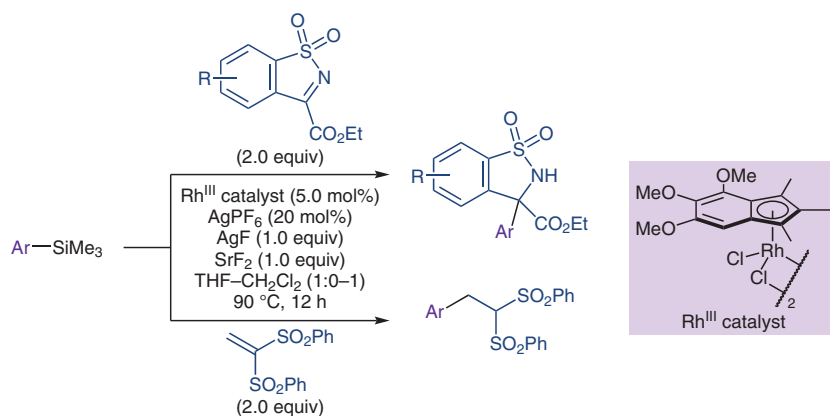
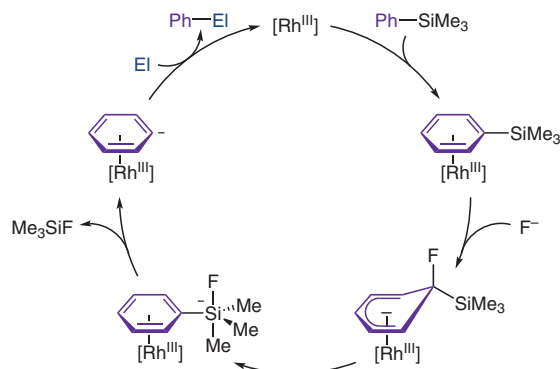


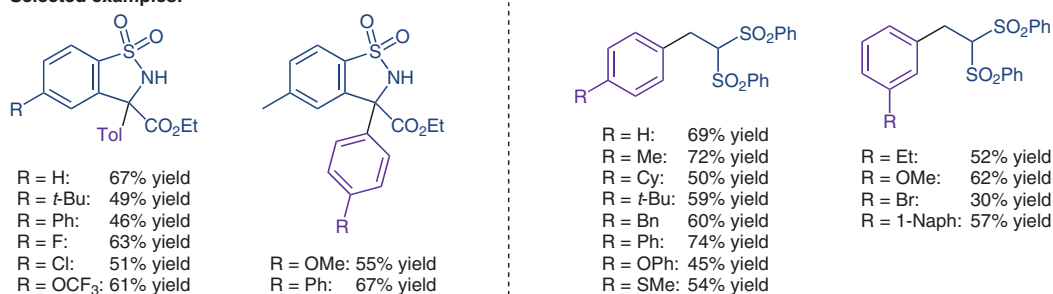
# Rhodium-Catalyzed Addition of Arylsilanes to Electrophiles by $\pi$ -Coordination-Driven Desilylation



— Proposed mechanism: —



— Selected examples: —



**Significance:** A rhodium(III)-catalyzed desilylation of (trialkylsilyl)arenes with fluoride is reported, giving access to stabilized phenyl anion intermediates that eventually undergo addition to electrophiles. The desilylation is facilitated by the  $\pi$ -coordination of the rhodium complex.

**Comment:** Mechanistic as well as computational studies support the shown mechanism, involving nucleophilic addition of the fluoride to the aromatic ring, followed by 1,2-migration and C(sp<sup>2</sup>)-Si heterolysis.