Thiourea-Catalyzed Asymmetric Cyanation of N-Boc Ketimines

**Significance:** The first catalytic asymmetric cyanation of isatin-derived N-Boc ketimines has been reported by Zhou and co-worker. Wide substrate scope and excellent enantioselectivities were obtained. A tandem aza-Wittig–Strecker reaction has also been reported, which was applied to the total synthesis of spirohydantoin I.

**Comment:** An aza-Wittig–Strecker reaction sequence has been reported, which offers a good methodology to develop a catalytic asymmetric reaction of N-Boc ketimines, generated in situ from the achiral ketones. The strategy has potential applications in other types of reactions, in which N-Boc imines are involved.

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Synfacts 2013, 9(1), 0096  Published online: 17.12.2012
DOI: 10.1055/s-0032-1317897; Reg-No.: B11012SF