

## Indan derivatives

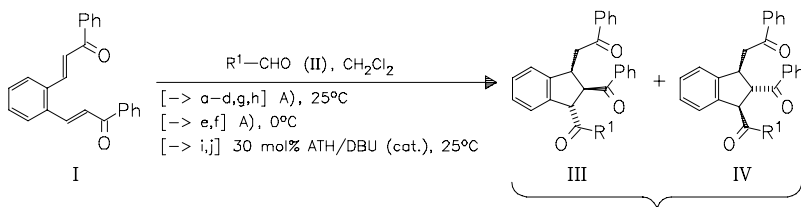
Q 1050

DOI: 10.1002/chin.201006087

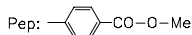
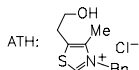
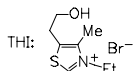



06- 087

**Diastereoselective Synthesis of Indans via a Domino Stetter—Michael Reaction.**

— A new approach to highly substituted indans like (III), (IV), (VIII), and (IX) is described. These compounds can smoothly be converted into polycyclic pyrroles. — (SANCHEZ-LARIOS, E.; GRAVE\*, M.; J. Org. Chem. 74 (2009) 19, 7536-7539; Dep. Chem., Univ. Saskatchewan, Saskatoon, Sask. S7N 5C9, Can.; Eng.) — Jannicke



A): 30 mol% THI/DBU (cat.)

α R<sup>1</sup>: -Ph      64% (80:20)b R<sup>1</sup>: -Tol      34% (86:14)c R<sup>1</sup>:  17% (83:17)d R<sup>1</sup>:  77% (77:23)e R<sup>1</sup>:  81% (80:20)f R<sup>1</sup>: -Pep      74% (87:13)g R<sup>1</sup>:  <5% (-)h R<sup>1</sup>:  74% (80:20)i R<sup>1</sup>: -Et      15% (52:48)j R<sup>1</sup>: -(CH<sub>2</sub>)<sub>2</sub>-Ph      33% (52:48)