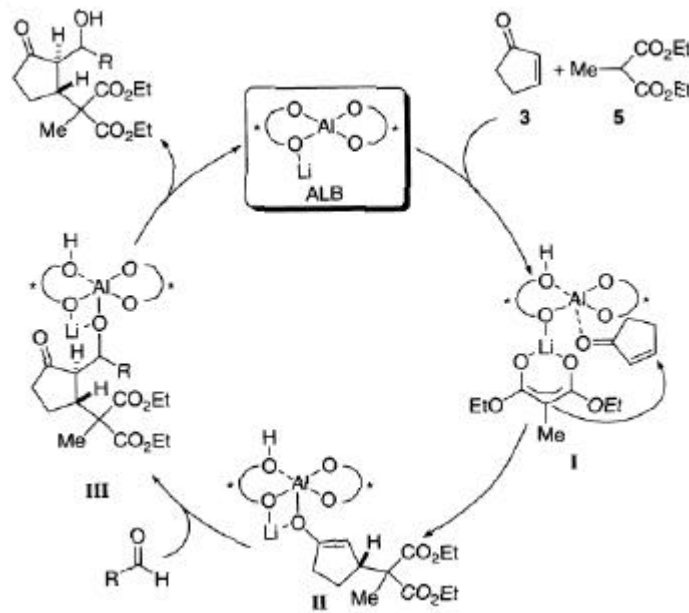


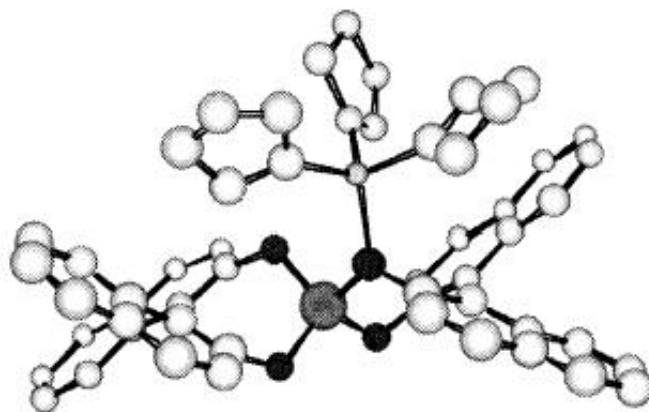
4. Multimetallkatalysatoren in der Organischen Chemie (2)

Lewis-Säure/base-Brønsted-Base-Katalyse

(3) Dreikomponenten-Kupplung mit Schibasakis ALB-Typ-Katalysatoren



[M. Shibasaki, *Chem. Eur. J.* **1996**, 2, 1368]



[M. Shibasaki, *Angew.Chem., Int.Ed.* **1996**, 35, 103]