

## Catalytic Activity of Chiral Salen Complexes Immobilized on Modified SBA-15

김용석, 카테라 라울, 꺾소봉, 김건중\*

인하대학교

(kimgi@inha.ac.kr\*)

Chiral (salen) complexes have been found to be highly enantioselectiv for the asymmetric ring opening reaction. we synthesized chiral salen complexes supported on SBA-15. The activity and enantioselectivity of the heterogeneous catalysts were examined in the ring opening reaction of terminal epoxides with H<sub>2</sub>O. The results using chiral salen complexes immobilized on SBA-15 exhibited similar optical activity as homogeneous one.