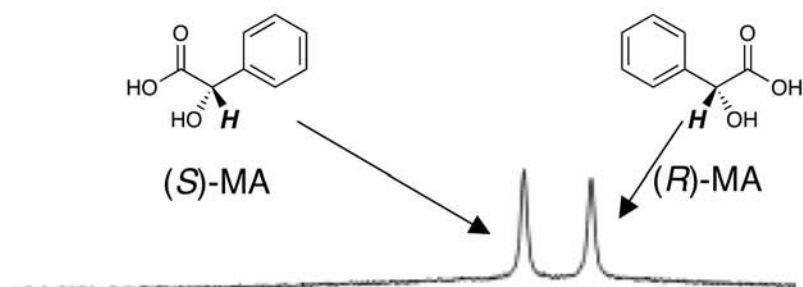
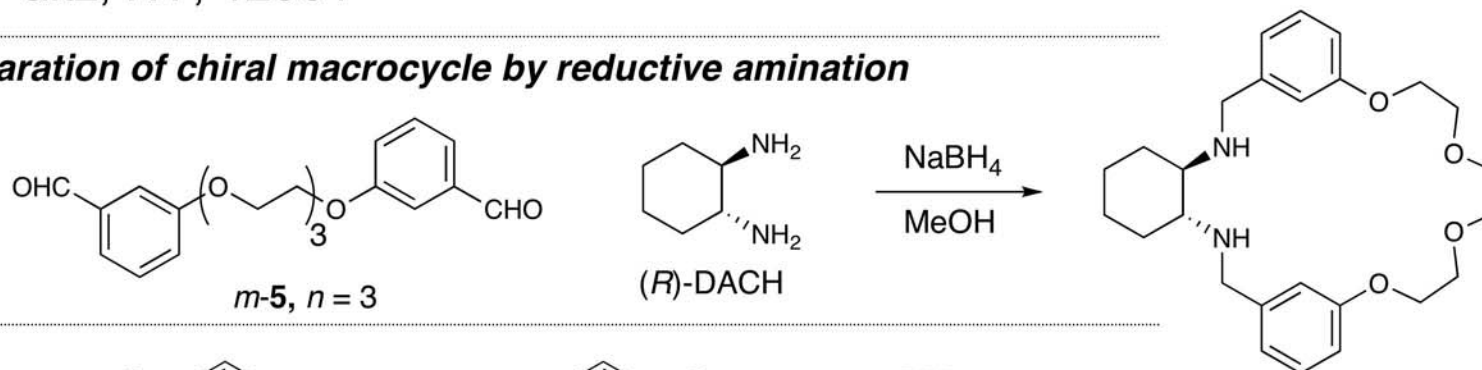


# Chirality Recognition by Macrocyclic and Multi-Functional Metal Complexes

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## preparation of chiral macrocycle by reductive amination



$rac$ -MA

$(R)$ -1

$\text{ZnCl}_2$   
( $\text{Zn(II)}$  Complexation)

## Differentiation of Enantiomers by $^1\text{H}$ NMR

