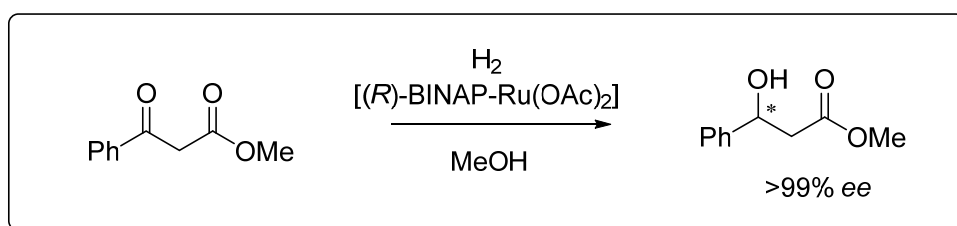


# stéréO

Séminaire du mardi 6 décembre 2015 par

**Yohan Dudognon**

**Asymmetric reduction of  $\beta$ -ketoesters:**



- 1) Draw the structure of the (R)-BINAP.
- 2) Draw the quadrant model of this ligand. Find and explain the right stereochemistry of the product.
- 3) Write down the whole mechanism of the reaction.

Noyori, R. and al., PNAS, **2004**, *101*, 5356