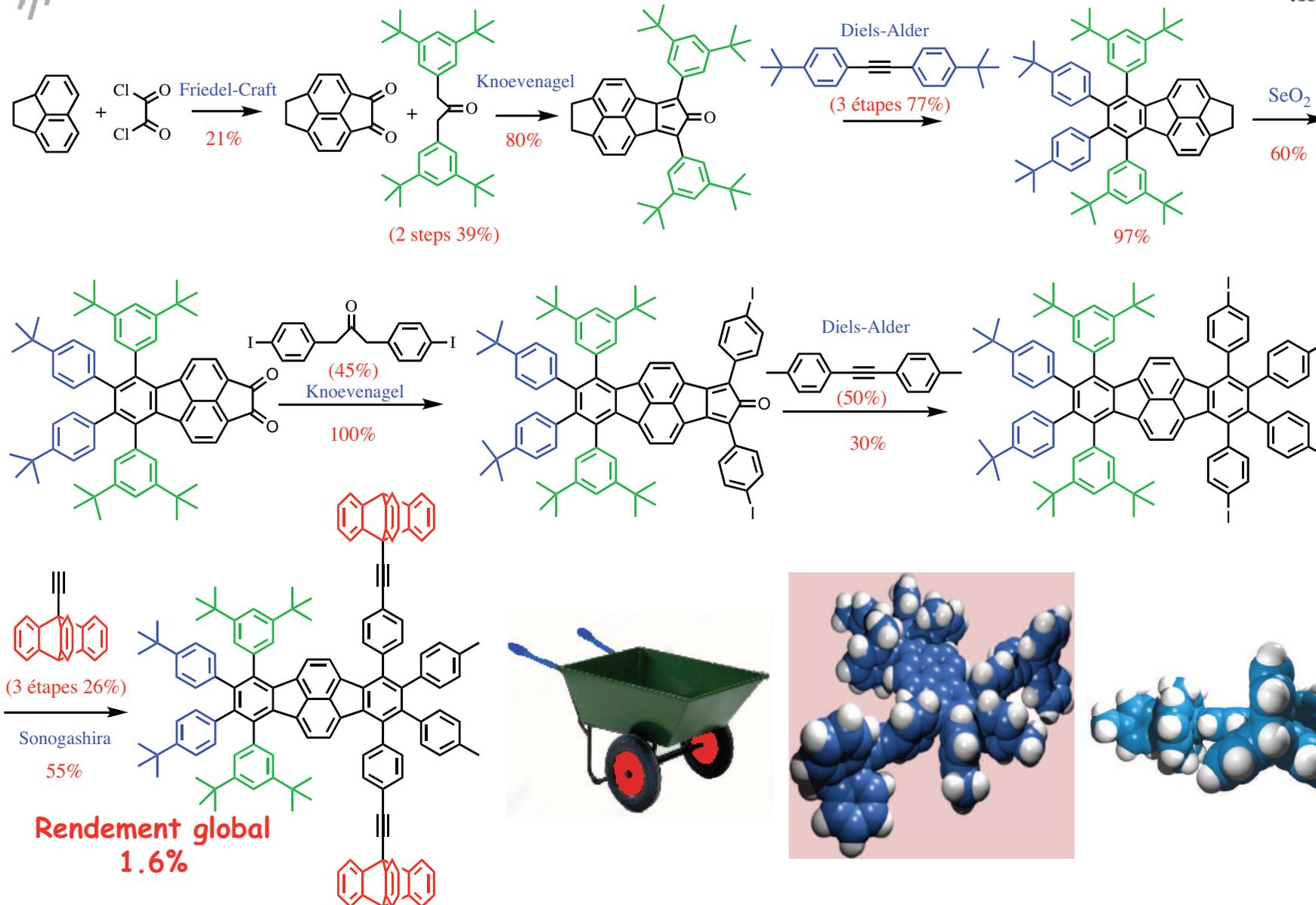
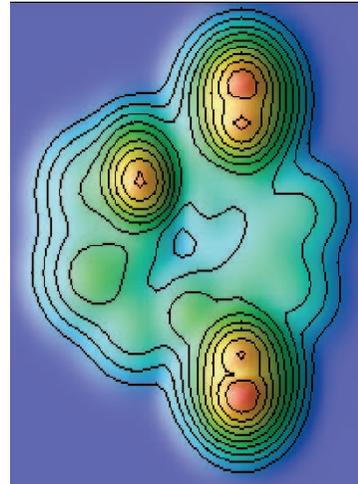


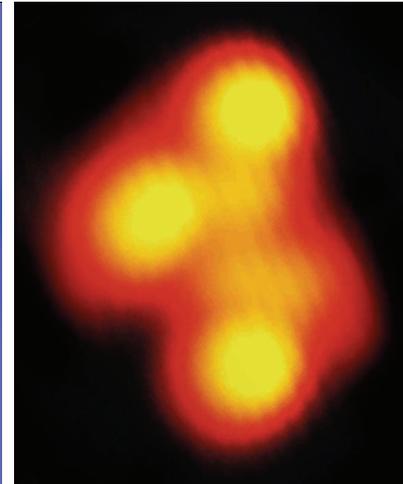
# Synthèse d'une brouette moléculaire



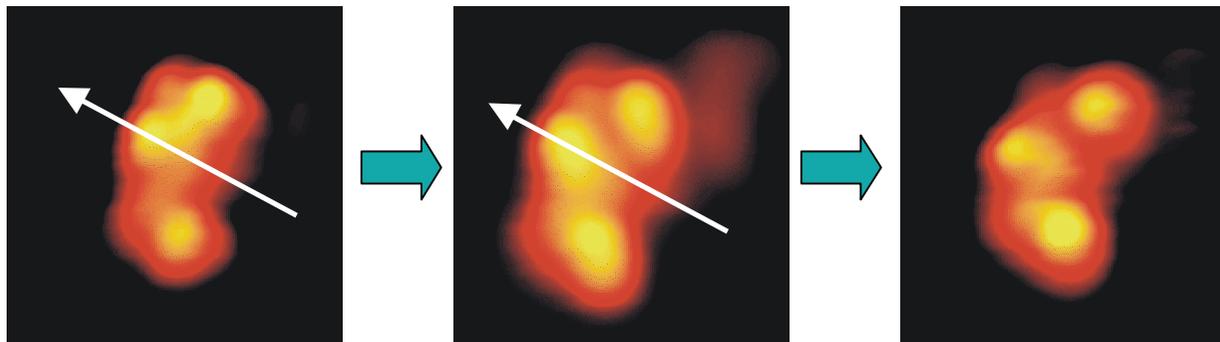
# Manipulation d'une seule molécule déposée sur du cuivre



*Image calculée*



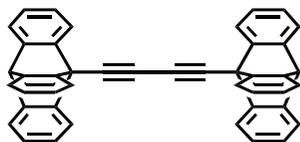
*Expérience*



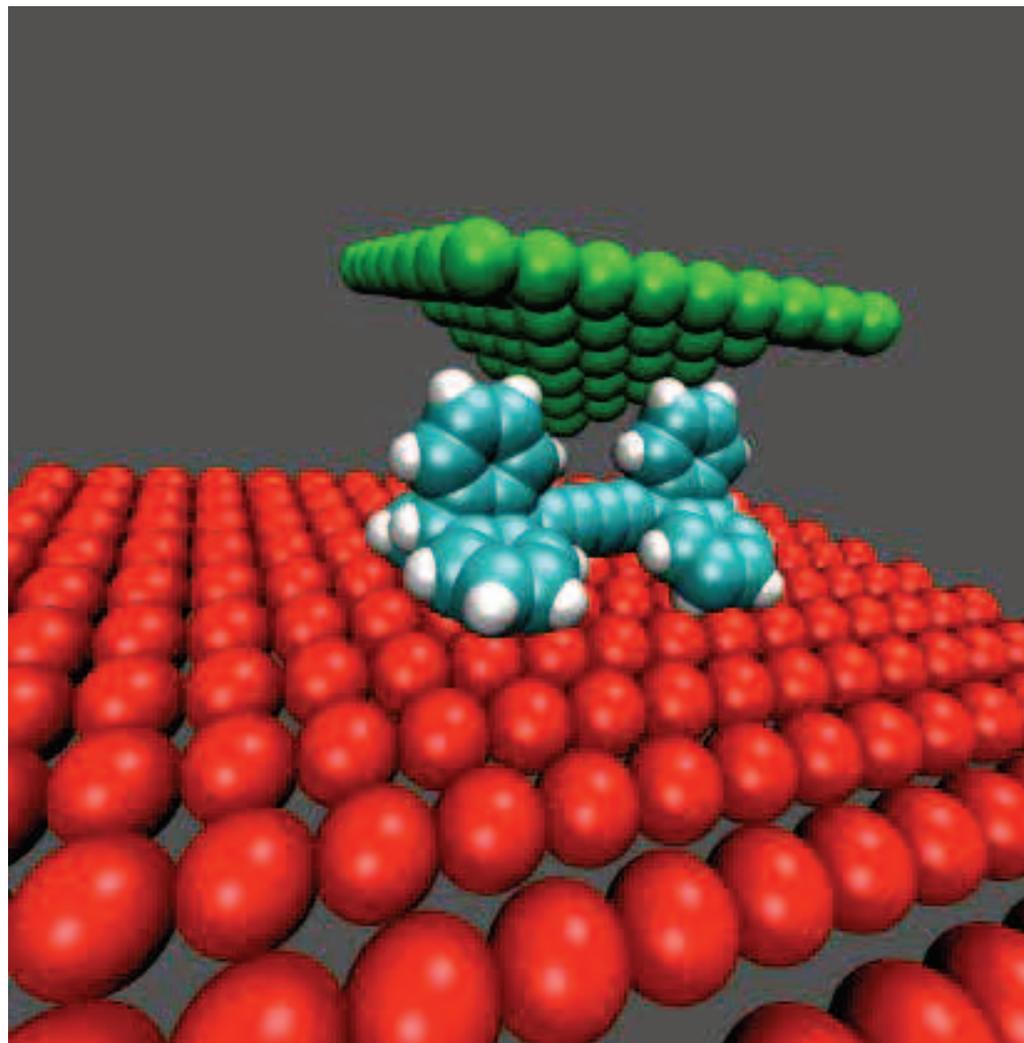
*Aucun changement après 29 essais*

 **Manipulation impossible**

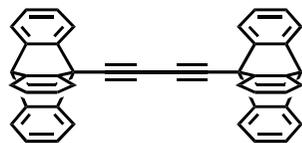
## Manipulation du dimère de roue sur Cu (110)



$$\Delta z < 0,4\text{nm}$$



## Rotation induite par la pointe STM



$$\Delta z < 0,4\text{nm}$$

