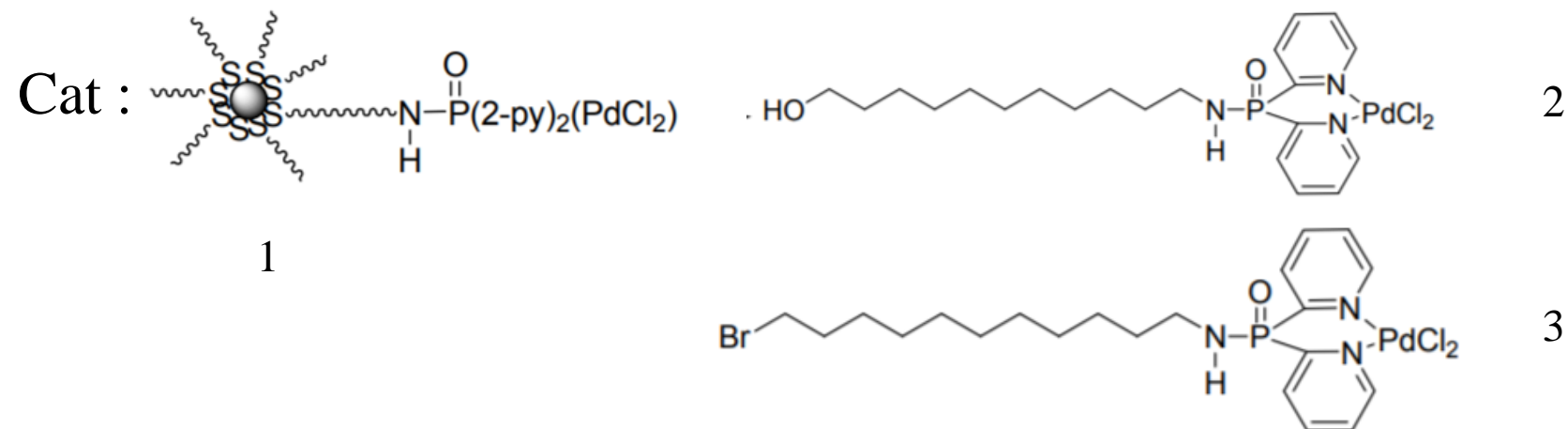
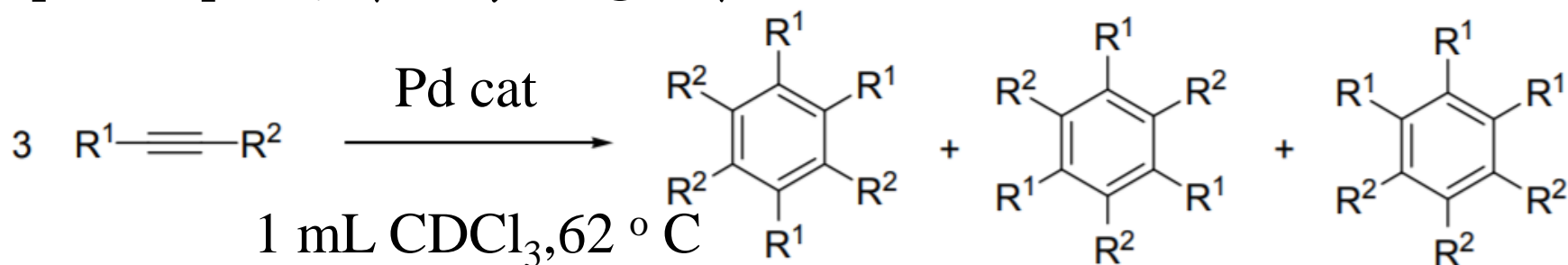


林玉雲(2006-2008)

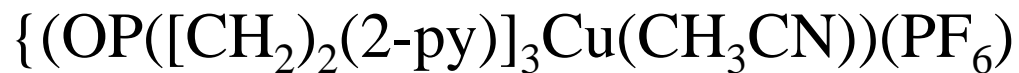
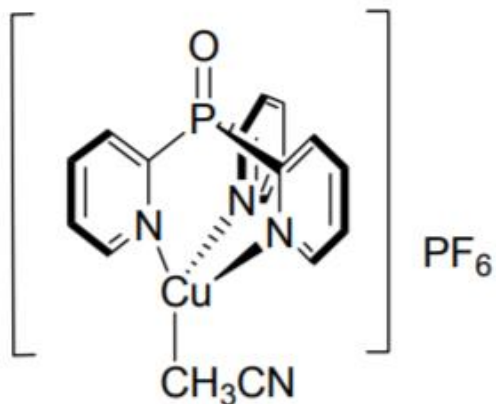


[2+2+2] 炔類聚三環反應之催化Cat : 4 mol%

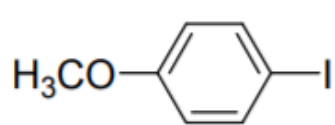


林玉雲

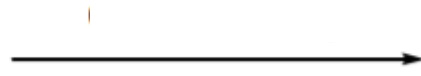
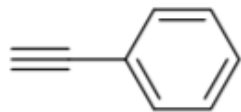
Cat :



Sonogashira 偶合反應的催化結果Cat :10 mol%



+



Cu (I) / K_2CO_3
Solvent(DMF 110⁰C) /
24 h

