

Supporting Information

for

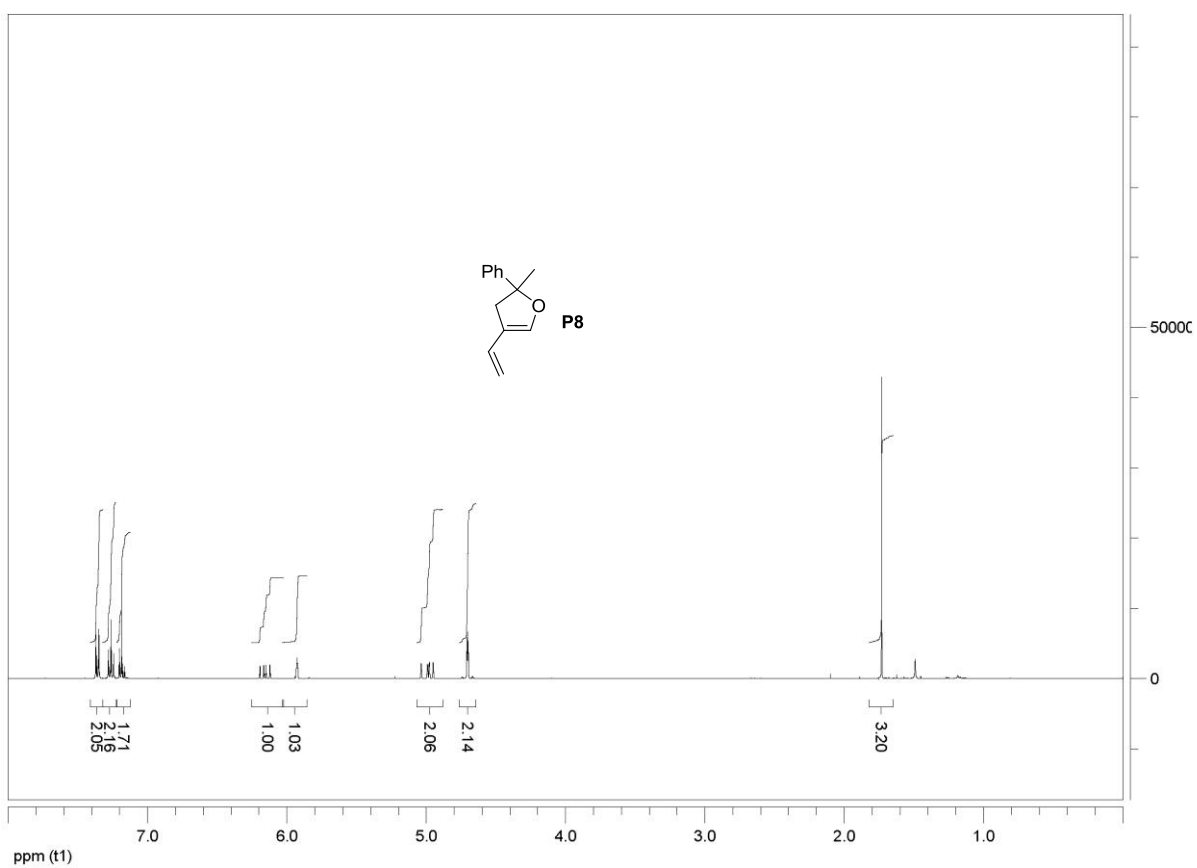
New library of aminosulfonyl-tagged Hoveyda– Grubbs type complexes: Synthesis, kinetic studies and activity in olefin metathesis transformations

Etienne Borré^{1,2}, Frederic Caijo³, Christophe Crévisy*^{1,2} and Marc Mauduit*^{1,2}

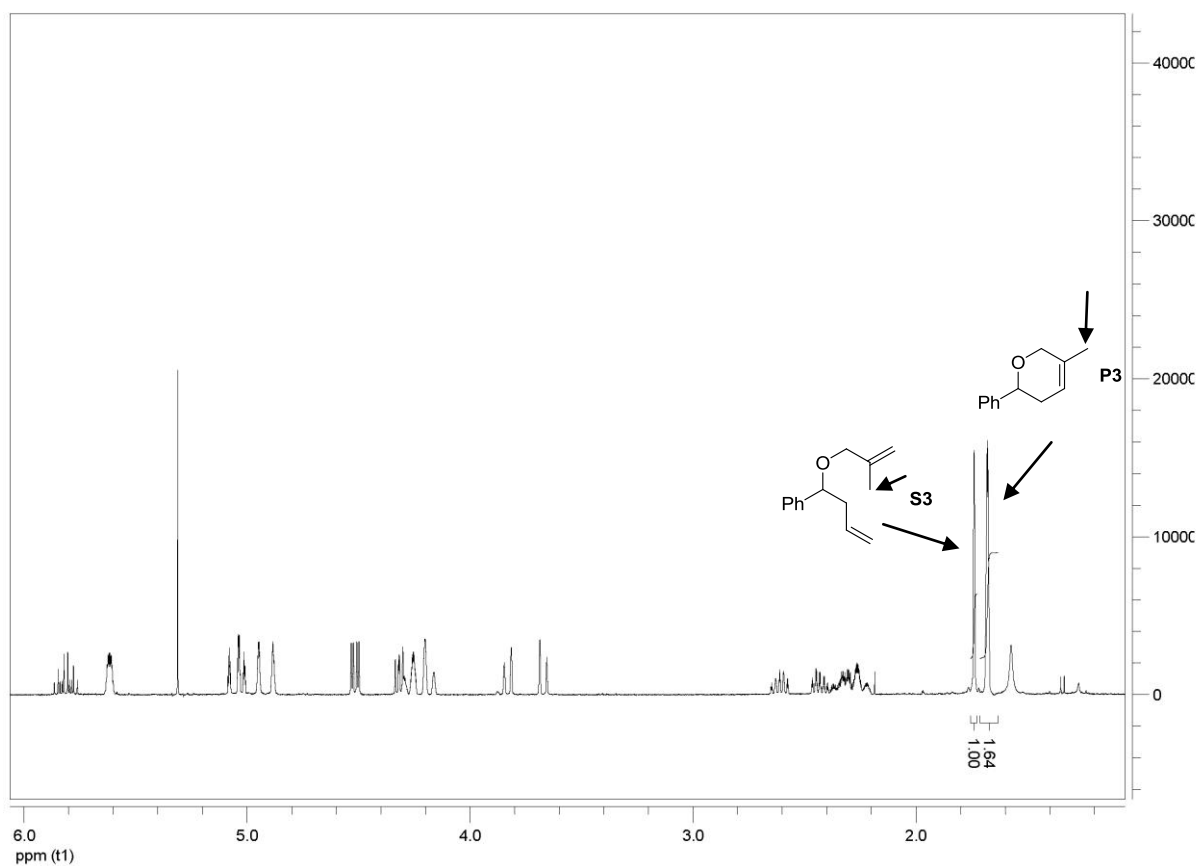
Address: ¹École Nationale Supérieure de Chimie de Rennes, CNRS, UMR 6226, Av. du Général Leclerc, CS 50837 35708 Rennes cedex 7, France, ²Université Européenne de Bretagne, 35000 Rennes, France and ³Omega cat system Sàrl - École Nationale Supérieure de Chimie de Rennes, Av. du Général Leclerc, CS 50837 35708 Rennes cedex 7, France

Email: Christophe Crévisy* - christophe.crevisy@ensc-rennes.fr; Marc Mauduit* - marc.mauduit@ensc-rennes.fr

* Corresponding author



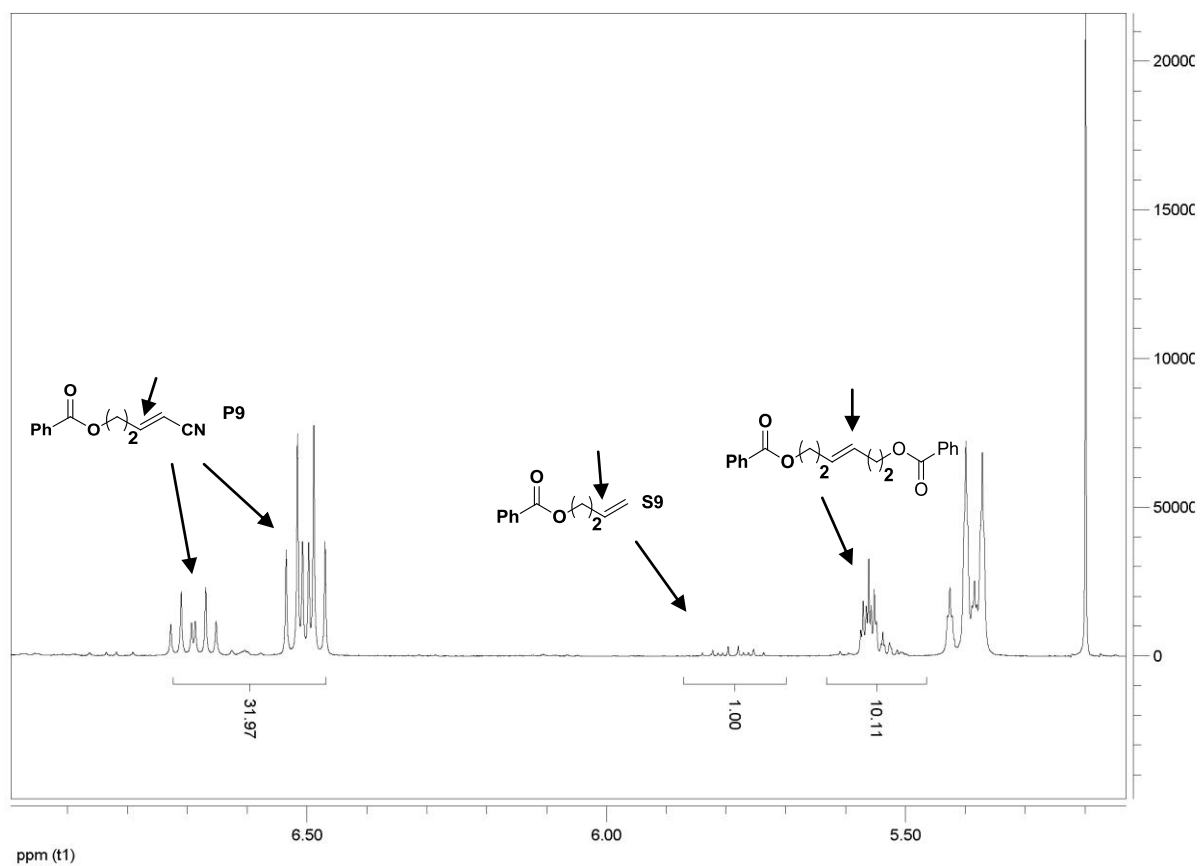
Pure product is obtained in ENYNE metathesis



Calculation of substrate/dimer ratio (Table 2, entry 1)

$$\text{Ratio of product} = 100 * 1.64 / (1 + 1.64) = 62\%$$

$$\text{Ratio of substrate} = 100 * 1 / (1 + 1.64) = 38\%$$



Calculation of product/substrate/dimer ratio (Table 2, entry 14)

$$\text{Ratio of product} = 100 * 31.97 / (31.97 + 1 + 10.11/2) = 84\%$$

$$\text{Ratio of substrate} = 100 * 1 / (31.97 + 1 + 10.11/2) = 3\%$$

$$\text{Ratio of dimer} = 100 * 10.11 / (2 * (31.97 + 1 + 10.11/2)) = 13\%$$