

Supporting Information

The Effect of Host Structure on the Selectivity and Mechanism of Supramolecular Catalysis of Prins Cyclizations

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1. Dependence of k_{obs} on substrate concentration (**5c**, host **2**); order in **5c** (S2)
2. Dependence of k_{obs} on host concentration (**5c**, host **1**); order in **1** (S3)
3. Dependence of k_{obs} on D^+ concentration (**5c**, host **1**); order in D^+ (S4)

1. Relationship between observed rate of cyclization (k_{obs}) versus the concentrations of added substrate.

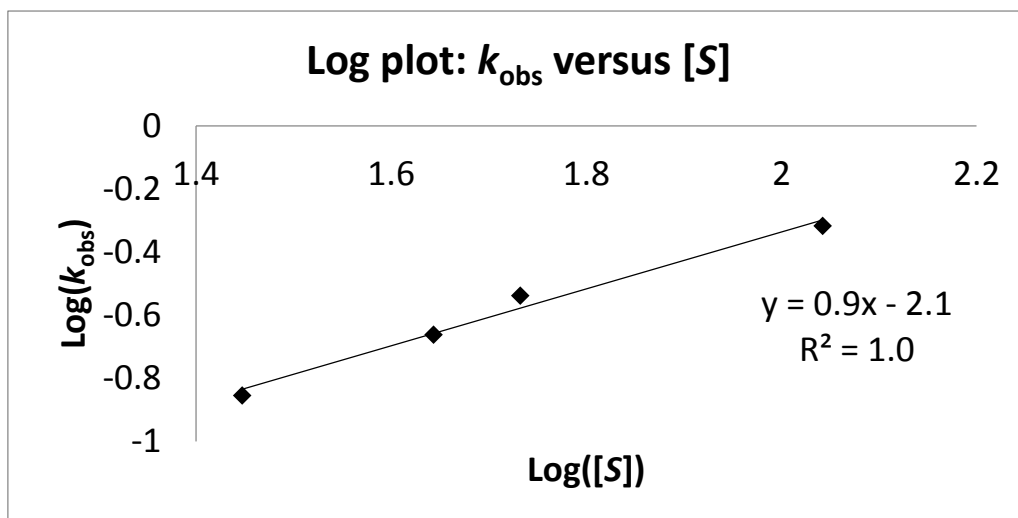
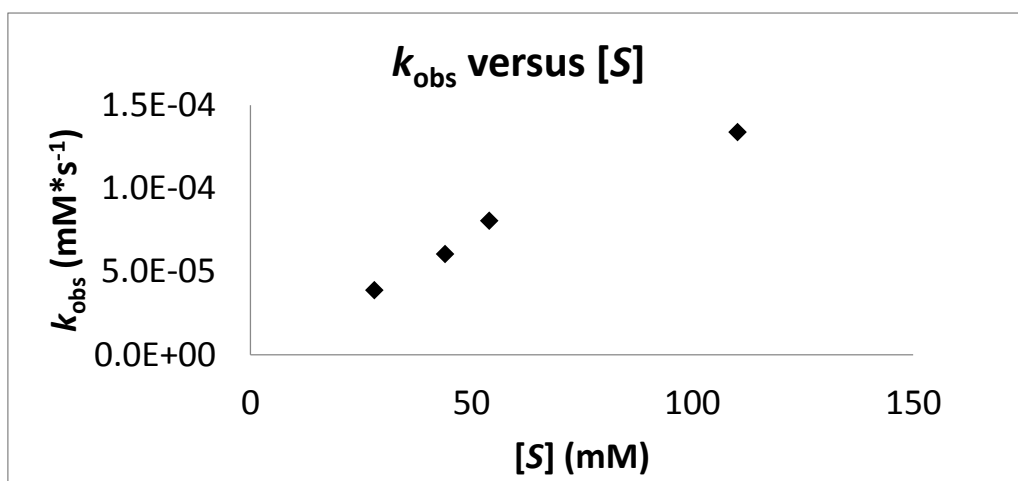
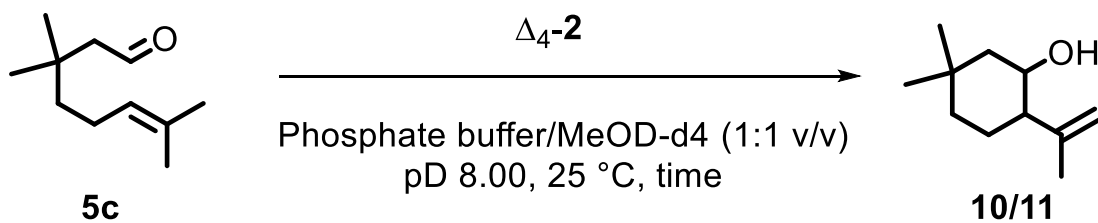


Figure S1. Top: relationship between k_{obs} on substrate concentration ($[S]$). Below: log plot of the same data.

2. Relationship between observed rate of cyclization (k_{obs}) versus the concentrations of added substrate.

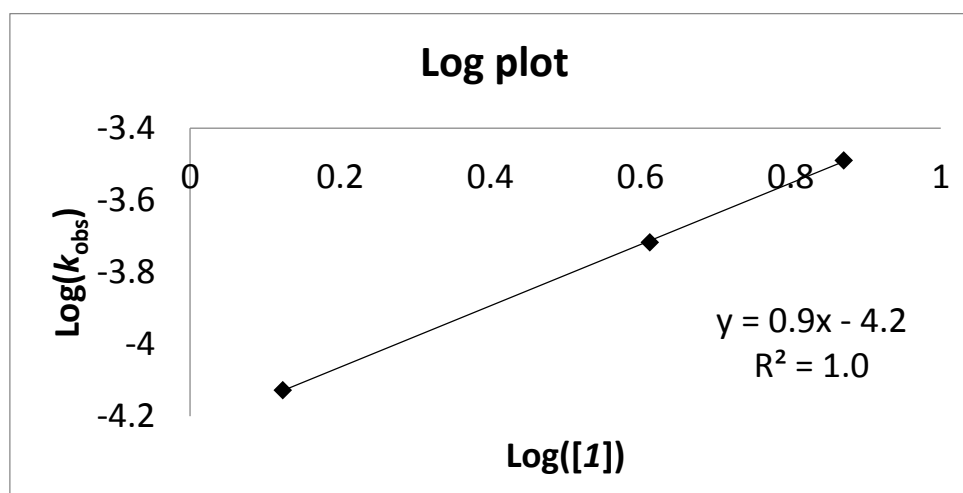
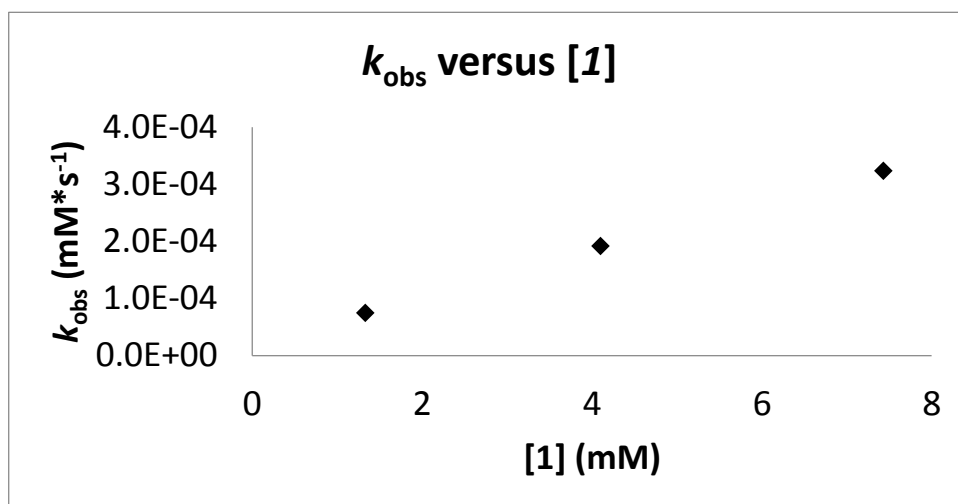
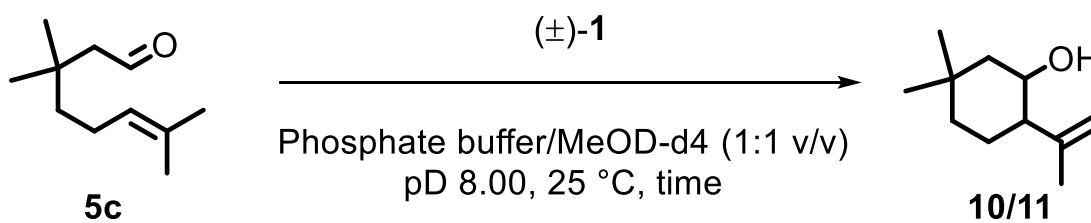


Figure S2. Top: relationship between k_{obs} on host concentration ([1]). Below: log plot of the same data.

3. Relationship between observed rate of cyclization (k_{obs}) versus the concentrations of added substrate.

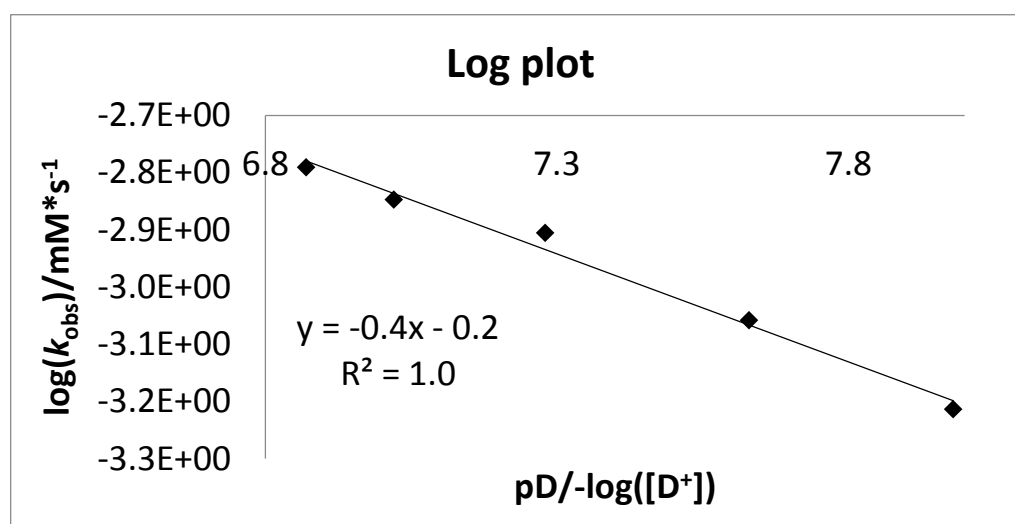
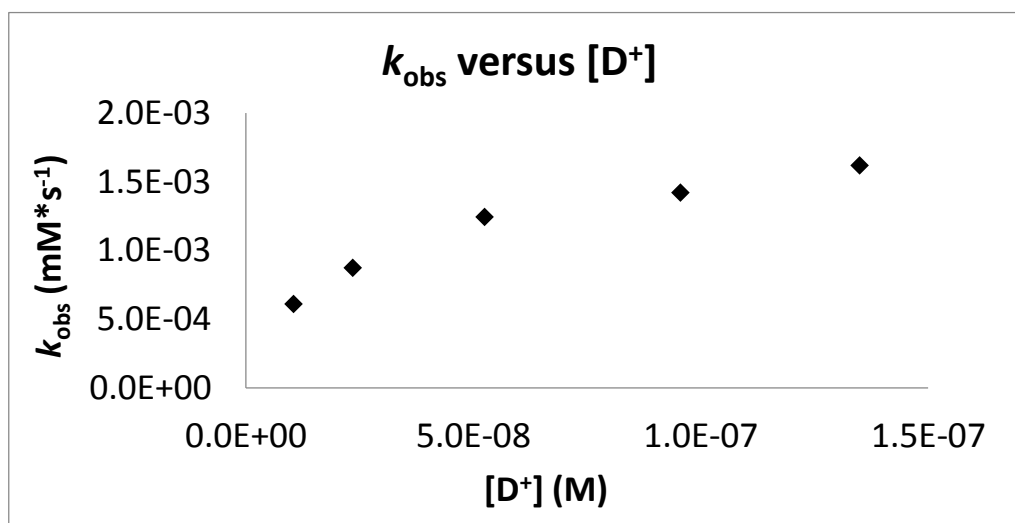
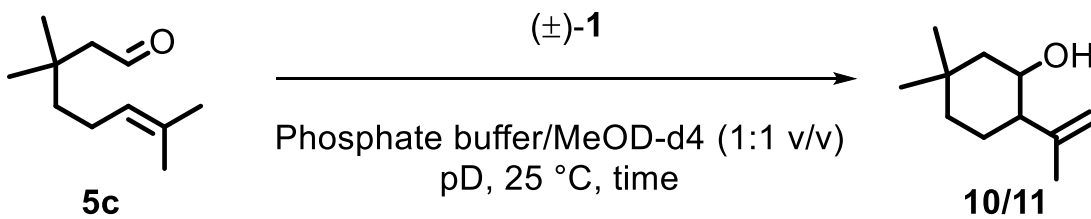


Figure S3. Top: relationship between k_{obs} on bulk solution acidity ($[D^+]$). Below: log plot of the same data.