



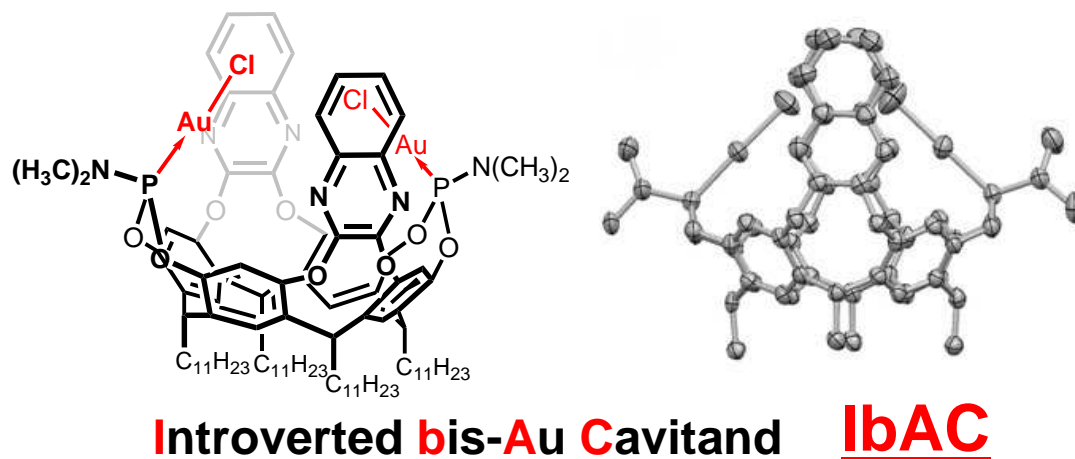
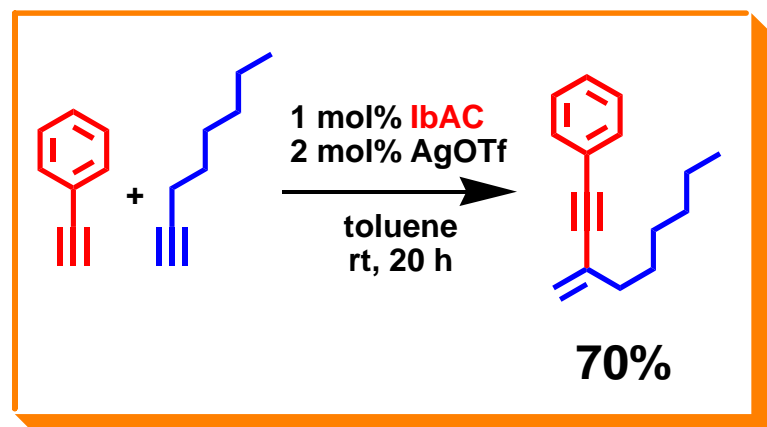
# An Introverted Bis-Au Cavitaand and Its Catalytic Dimerization of Terminal Alkynes

Naoki Endo, Mao Kanaura, Michael Schramm, P., Tetsuo Iwasawa\*

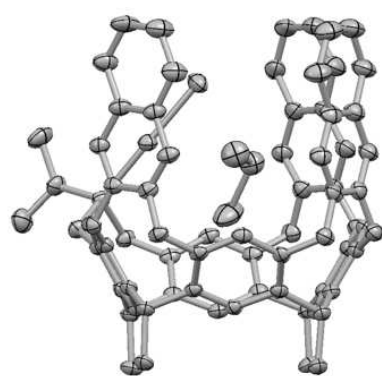
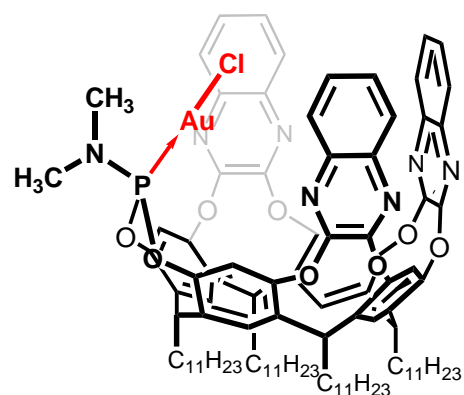
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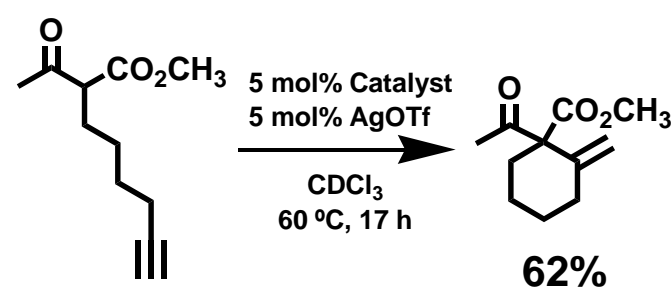
## 1. Summary Endo, N.; Kanaura, M.; Schramm, M. P.; Iwasawa, T. *Eur. J. Org. Chem.* 2016, 2514-2521.



## 2. Background

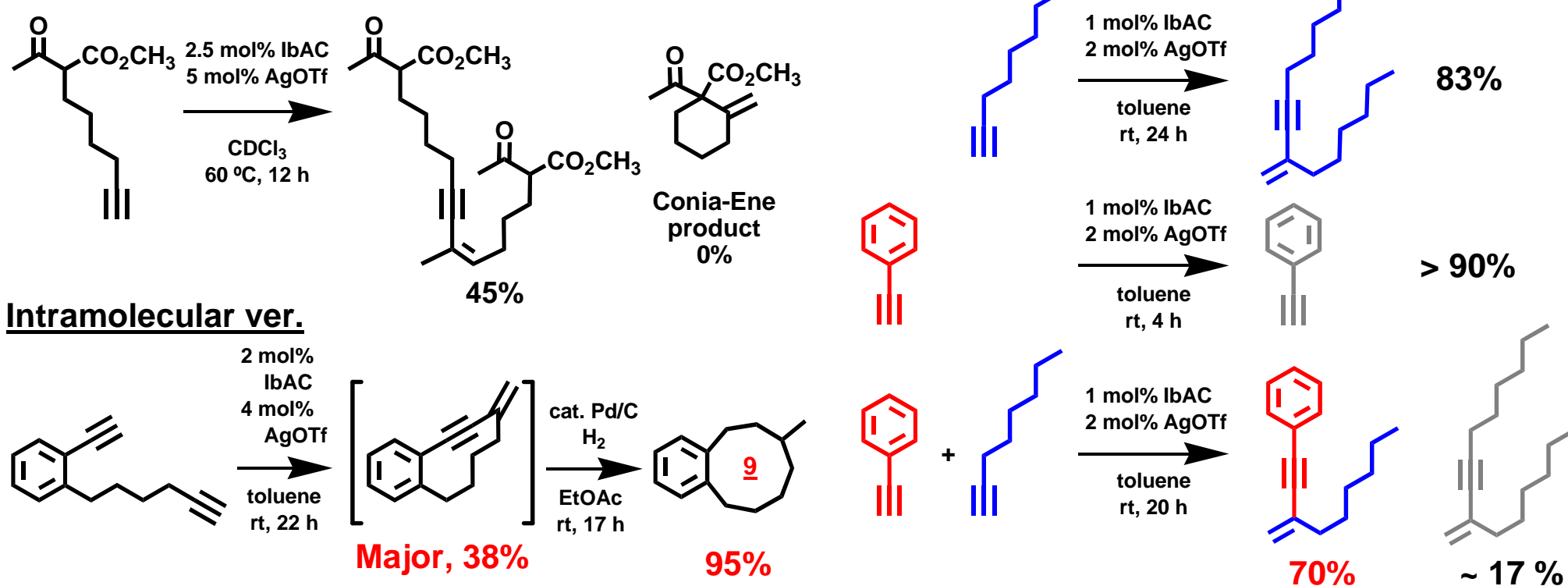


### Conia-Ene reaction

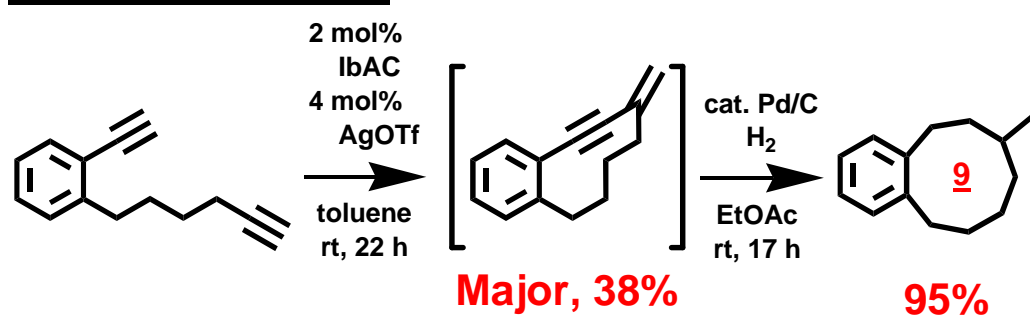


Schramm, M. P.; Kanaura, M.; Ito, K.; Ide, M.; Iwasawa, T. *Eur. J. Org. Chem.* 2016, 813-820.

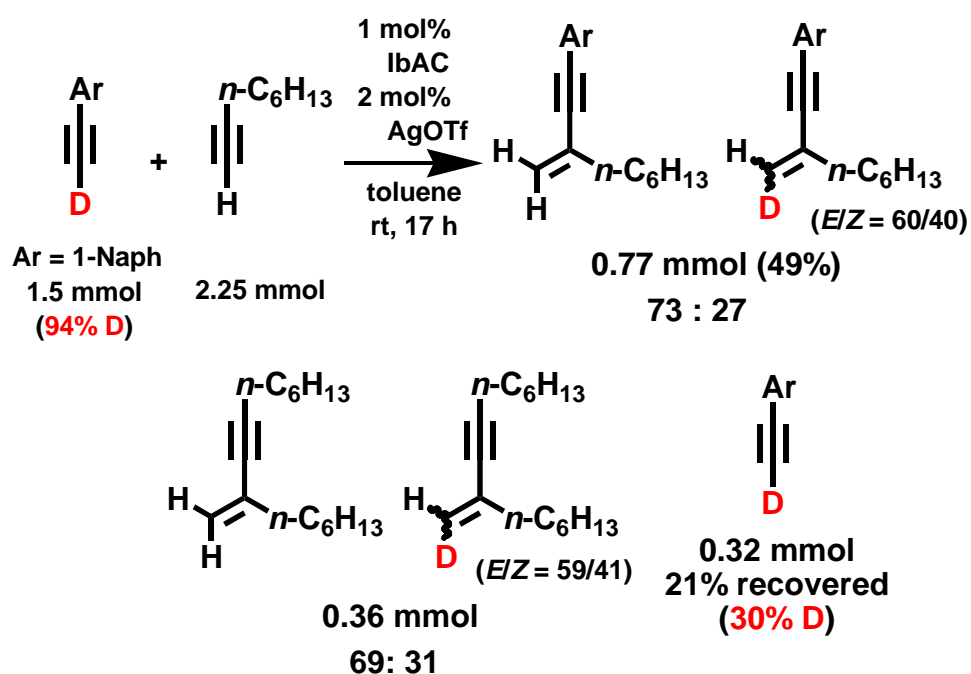
## 3. Dimerization



### Intramolecular ver.



## 4. The deuterium floated.



## 5. Plausible catalytic cycle

