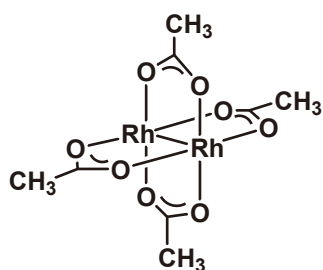


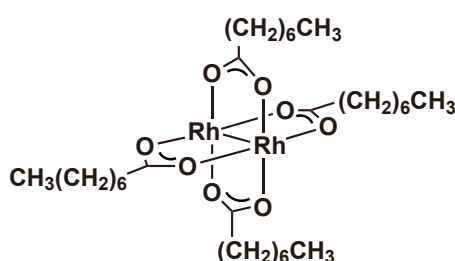
Binuclear Rhodium Complexes Effective for Small and Medium-ring Formation

Advantages

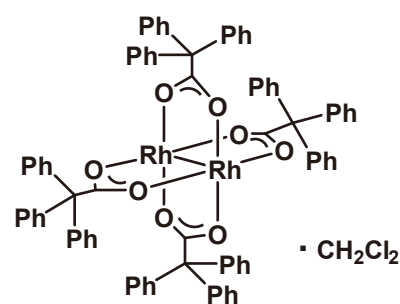
- Effective for the Formation of Heterocycles Including Nitrogen and Oxygen
- Applicable to Chiral Ring Formation by Chiral Complexes



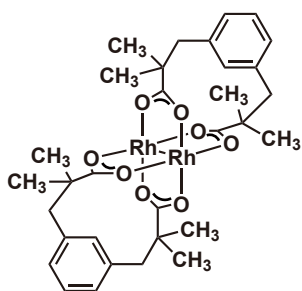
Rhodium(II) Acetate Dimer
100mg / 1g [R0069]



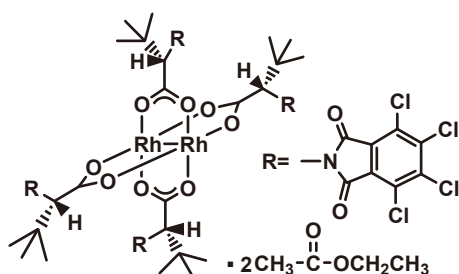
Rhodium(II) Octanoate Dimer
200mg / 1g [R0161]



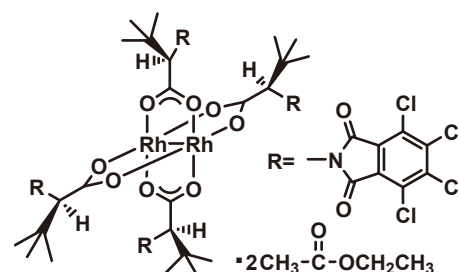
Tetrakis(triphenylacetato)-dirhodium(II) Dichloromethane Adduct
100mg [T1544]



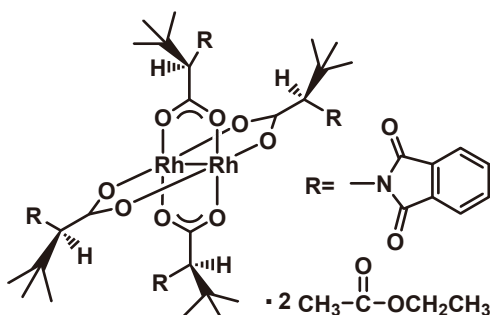
Rh₂(esp)₂
100mg [B4549]



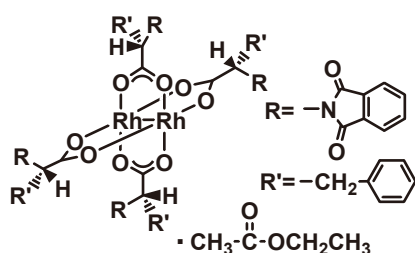
Rh₂(S-TCPTTL)₄ 2EtOAc
100mg [T2659]



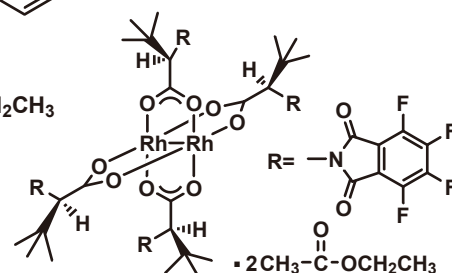
Rh₂(R-TCPTTL)₄ 2EtOAc
50mg [T2658]



Rh₂(R-PTTL)₄ 2EtOAc
100mg [T2054]



Rh₂(S-PTPA)₄ EtOAc
100mg [T1551]

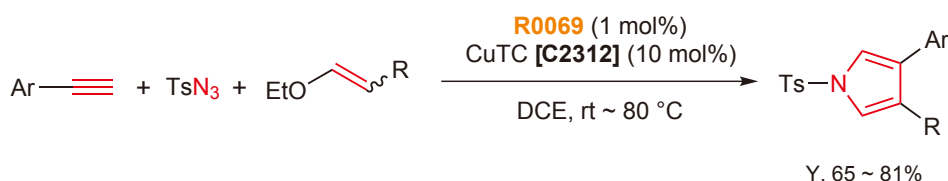


Rh₂(R-TFPTTL)₄ 2EtOAc
50mg [T2660]

Binuclear Rhodium Complexes Effective for Small and Medium-ring Formation

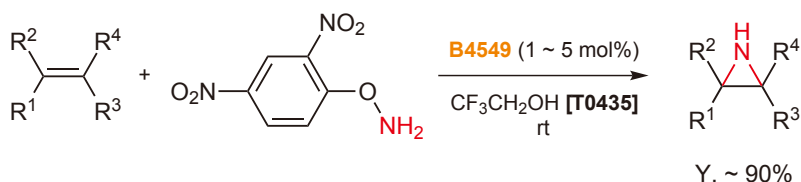
Applications

Formation of Pyrrole Rings



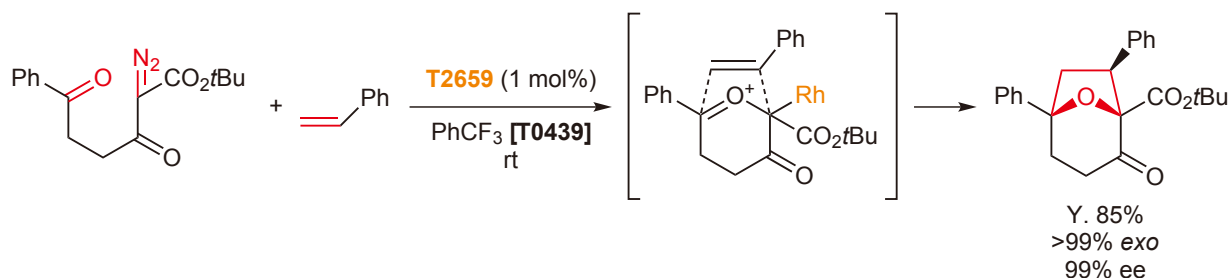
C.-E. Kim, S. Park, D. Eom, B. Seo, P. H. Lee, *Org. Lett.* **2014**, 16, 1900.

Formation of Aziridine Rings



J. L. Jat, M. P. Paudyal, H. Gao, Q.-L. Xu, M. Yousufuddin, D. Devarajan, D. H. Ess, L. Kürti, J. R. Falck, *Science* **2014**, 343, 61.

Formation of Tetrahydrofuran Rings by the Cycloaddition Reaction



N. Shimada, M. Anada, S. Nakamura, H. Nambu, H. Tsutsui, S. Hashimoto, *Org. Lett.* **2008**, 10, 3603.

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