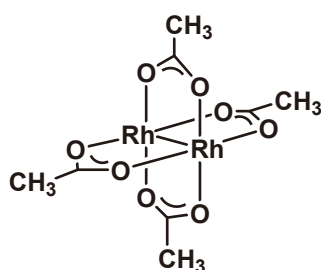


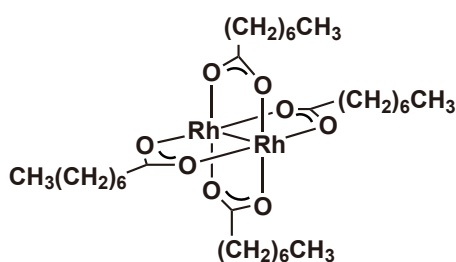
Binuclear Rhodium Complexes Effective for Small and Medium-ring Formation

Advantages

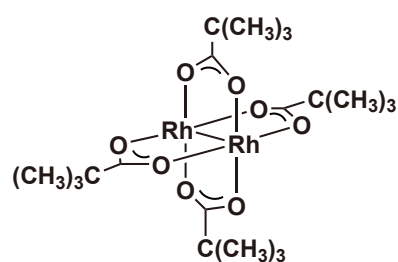
- Effective for the Formation of Heterocycles Including Nitrogen and Oxygen
- Applicable to Chiral Ring Formation by Chiral Complexes



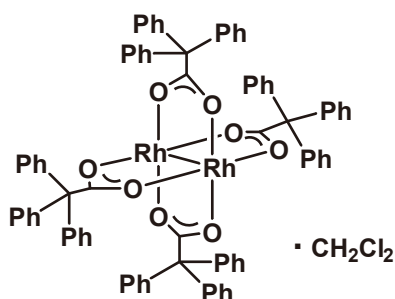
Rhodium(II) Acetate Dimer
100mg / 1g
[R0069]



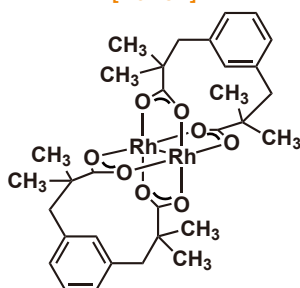
Rhodium(II) Octanoate Dimer
200mg / 1g
[R0161]



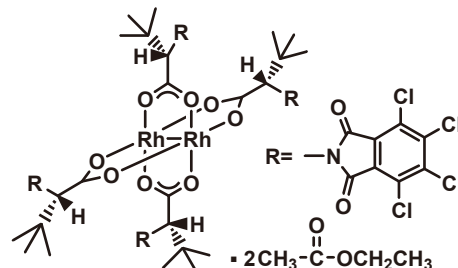
Rhodium(II) Pivalate Dimer
100mg / 500mg
[R0276] **New**



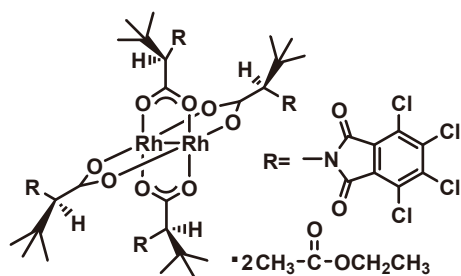
Tetrakis(triphenylacetato)dirhodium(II) Dichloromethane Adduct
100mg
[T1544]



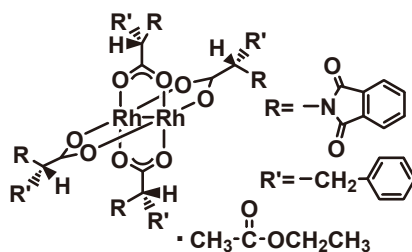
Rh₂(esp)₂
100mg
[B4549]



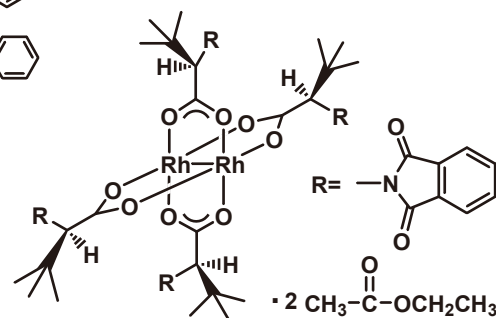
Rh₂(S-TCPTTL)₄ 2EtOAc
100mg
[T2659]



Rh₂(R-TCPTTL)₄ 2EtOAc
50mg
[T2658]



Rh₂(S-PTPA)₄ EtOAc
100mg
[T1551]

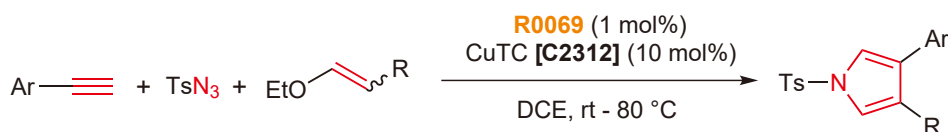


Rh₂(R-PTTL)₄ 2EtOAc
100mg
[T2054]

Binuclear Rhodium Complexes Effective for Small and Medium-ring Formation

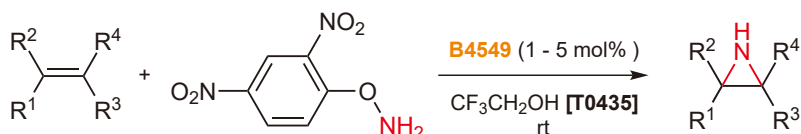
Applications

Formation of Pyrrole Rings



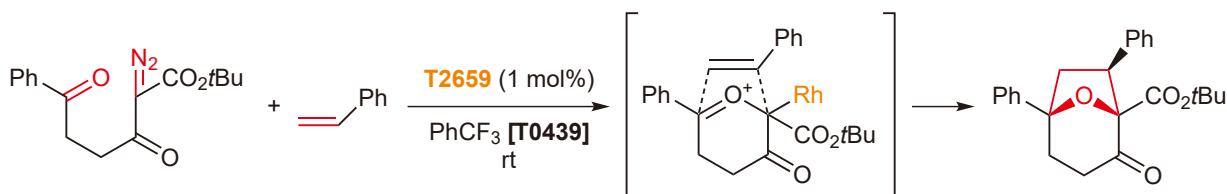
Reference C. Kim, P. H. Lee, *et al.*, *Org. Lett.* **2014**, *16*, 1900. <https://doi.org/10.1021/ol500718s>

Formation of Aziridine Rings



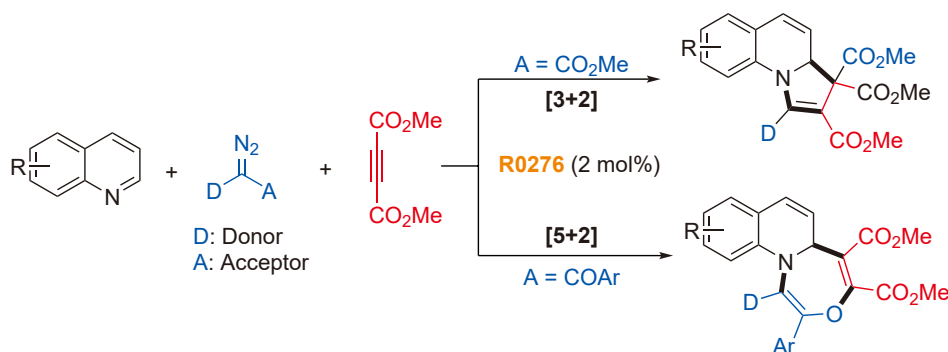
Reference J. L. Jat, J. R. Falck, *et al.*, *Science* **2014**, *343*, 61. <https://doi.org/10.1126/science.1245727>

Formation of Tetrahydrofuran Rings by the Cycloaddition Reaction



Reference N. Shimada, S. Hashimoto, *et al.*, *Org. Lett.* **2008**, *10*, 3603. <https://doi.org/10.1021/ol8013733>

[3 + 2] and [5 + 2] Cycloadditions of Quinolinium Ylides with Alkynes



Reference M. He, S. Peng, *et al.*, *Org. Lett.* **2019**, *21*, 5167. <https://doi.org/10.1021/acs.orglett.9b01765>

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Copper(I) 2-Thiophenecarboxylate (= CuTC)
2,2,2-Trifluoroethanol
Benzotrifluoride

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25g / 100g / 500g [T0435]
25g / 500g [T0439]

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