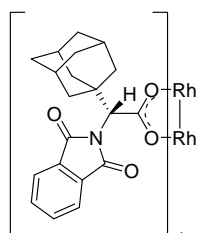
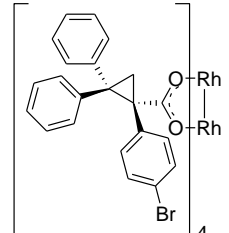
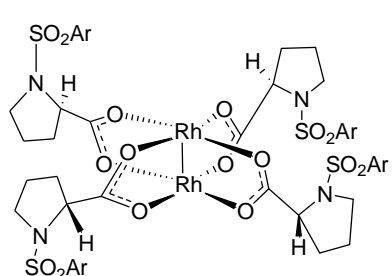
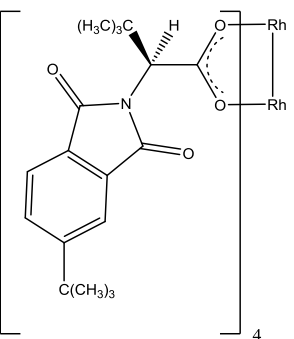
 <p>45-0390 shown</p>	 <p>45-2070 Rh₂(R-PTAD)₄ shown 45-2071 Rh₂(S-PTAD)₄ also available</p>	 <p>45-2080 Rh₂(R-BTPCP)₄ shown 45-2081 Rh₂(S-BTPCP)₄ also available</p>
 <p>45-2100 Rh₂(R-DOSP)₄ shown 45-2101 Rh₂(S-DOSP)₄ also available</p> <p>Ar = p-C₁₂H₂₅C₆H₄</p>	 <p>45-2105 Rh₂(S-tertPTTL)₄ shown</p>	

45-0390 Di-μ-methoxobis(1,5-cyclooctadiene)dirhodium(I), min. 98% [12148-72-0] 50mg
250mg
1g
 [Rh(OCH₃)(C₈H₁₂)₂]₂; FW: 484.24; yellow powdr.

45-2070 Tetrakis[(R)-(-)-(1-adamantyl)-(N-phthalimido)acetato]dirhodium(II) Rh₂(R-PTAD)₄ [909393-65-3] 50mg
250mg
 C₈₀H₈₀N₄O₁₆Rh₂; FW: 1559.32; green powdr.; [α]_D -40.6 (c 0.067, CHCl₃)
 Note: Sold for research purposes only. US Patent Application 11/606,782.

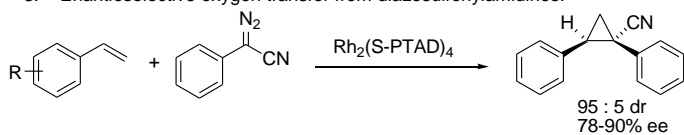
Technical Note:

- See 45-2071.

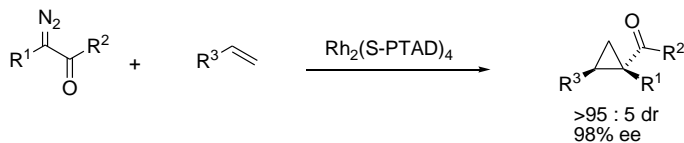
45-2071 Tetrakis[(S)-(+)-(1-adamantyl)-(N-phthalimido)acetato]dirhodium(II) Rh₂(S-PTAD)₄ [909389-99-7] 50mg
250mg
 C₈₀H₈₀N₄O₁₆Rh₂; FW: 1559.32; green powdr.; [α]_D +39.1 (c 0.2, CHCl₃)
 Note: Sold for research purposes only. US Patent Application 11/606,782.

Technical Notes:

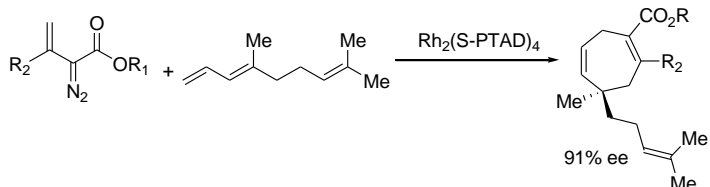
- Enantioselective reactions of carbenoids and olefins.
- Enantioselective C-H insertion reactions of carbenoids.
- Enantioselective oxygen transfer from diazosulfonylamidines.



Tech. Note (1)
Ref. (1)



Tech. Note (1)
Ref. (2)



Tech. Note (1)
Ref. (3)

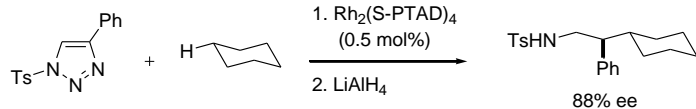
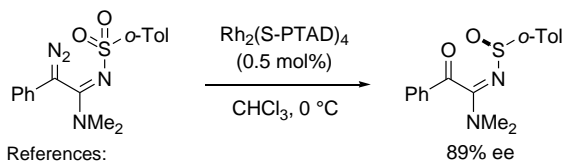
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45-2071
(cont.)Tetrakis[(S)-(+)-(1-adamantyl)-(N-phthalimido)acetato]dirhodium(II) Rh₂(S-PTAD)₄ [909389-99-7]Tech. Note (2)
Ref. (4)Tech. Note (3)
Ref. (5)

References:

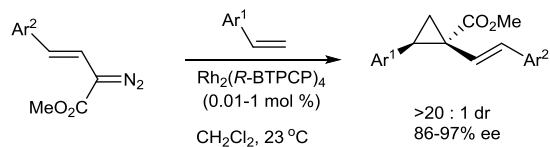
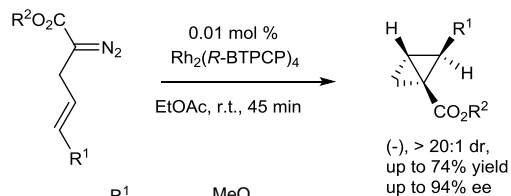
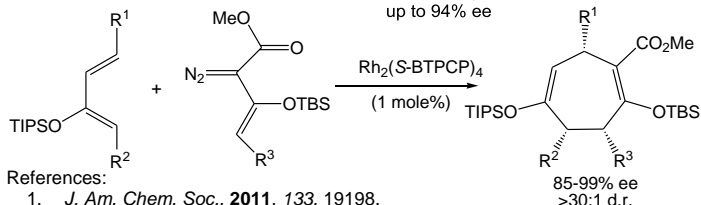
1. *Chem. Commun.*, **2008**, 1238.
2. *Org. Lett.*, **2009**, 11, 787.
3. *J. Am. Chem. Soc.*, **2009**, 131, 8329.
4. *J. Am. Chem. Soc.*, **2011**, 133, 10352.
5. *J. Am. Chem. Soc.*, **2012**, 134, 2477.

45-2080

Tetrakis[(R)-(-)-[(1R)-1-(4-bromophenyl)-2,2-diphenylcyclopropanecarboxylato]dirhodium(II) Rh₂(R-BTPCP)₄
[1345974-62-0] C₈₈H₆₄Br₄O₈Rh₂; FW: 1774.87; green solid
Note: Patent PCT/US2012/040608.50mg
250mg

Technical Notes:

1. Chiral catalyst used for the enantioselective formation of cyclopropanes from the reaction of aryls with styryl diazoacetates.
2. Chiral catalyst used for the asymmetric synthesis of bicyclo[1.1.0]butane rings via the rhodium-catalyzed decomposition of 2-diazo-5-arylpent-4-enoates.
3. Reaction of vinyldiazoacetates with nitrones to form 2,5-dihydroisooxazoles.

Tech. Note (1)
Ref. (1)Tech. Note (2)
Ref. (2)Tech. Note (3)
Ref. (3)

References:

1. *J. Am. Chem. Soc.*, **2011**, 133, 19198.
2. *Org. Lett.*, **2013**, 15, 310.
3. *Angew. Chem. Int. Ed.*, **2014**, 53, 1083.

45-2081

Tetrakis[(S)-(+)-[(1S)-1-(4-bromophenyl)-2,2-diphenylcyclopropanecarboxylato]dirhodium(II) Rh₂(S-BTPCP)₄ [1345974-63-1]
C₈₈H₆₄Br₄O₈Rh₂; FW: 1774.87; green solid
Note: Patent PCT/US2012/040608.50mg
250mg

Technical Note:

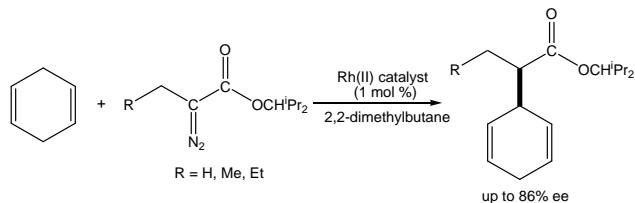
1. See 45-2080.

45-2105

Tetrakis[N-5-t-butyl-phthaloyl-(S)-tert-leucinato]dirhodium bis(ethyl acetate) adduct Rh₂(S-tertPTTL)₄
C₇₂H₉₂N₄O₁₆Rh₂; FW: 1475.33; green pwdr.
Note: Sold for research and development purposes only. Patent 2014. 2014903620.50mg
250mg

Technical Notes:

1. Catalyst used for the asymmetric, intermolecular C-H insertion of 1,4-cyclohexadiene with α-alkyl-α-diazoesters.
2. Catalyst used for a catalytic cyclopropanation using diazoindole.
3. Catalyst used for the asymmetric, intramolecular C-H insertion of sulfonyldiazoacetates.
4. Catalyst used for the enantioselective synthesis of 2-arylbicyclo[1.1.0]butane carboxylates.
5. Access to the [3.2.2] nonatriene structural frameworks via an intramolecular cyclopropanation/Buchner reaction/Cope rearrangement cascade.

Tech. Note (1)
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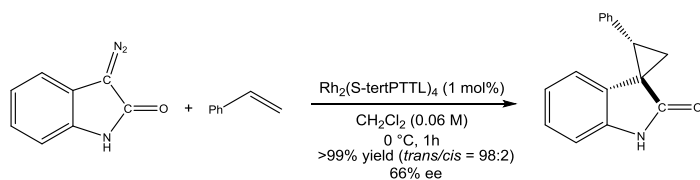
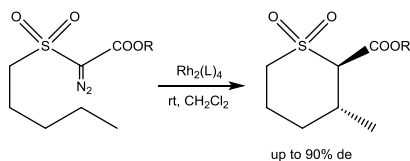
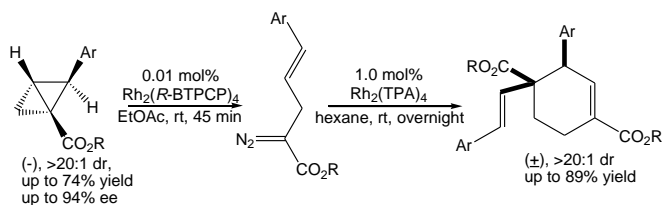
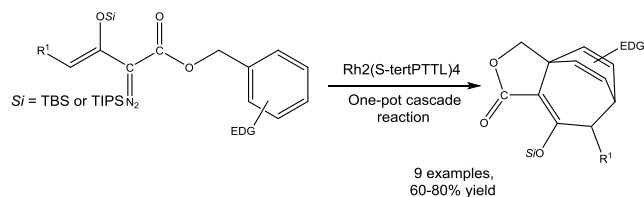
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45-2105 Tetrakis[N-5-t-butyl-phthaloyl-(S)-tert-leucinato]dirhodium bis(ethyl acetate) adduct Rh₂(S-tertPTTL)₄ (cont.)
50mg
250mgTech. Note (2)
Ref. (2)Tech. Note (3)
Ref. (3)Tech. Note (4)
Ref. (4)Tech. Note (5)
Ref. (5)

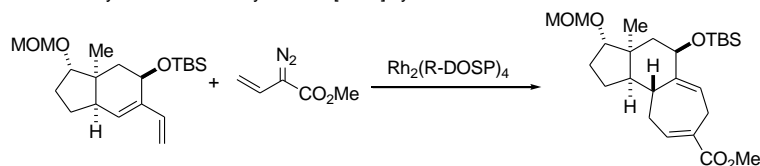
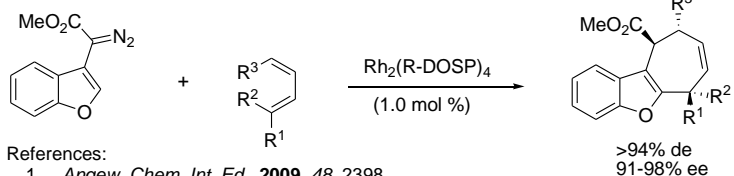
References:

1. *Heterocycles*, **2012**, 86, 1647.
2. *SynLett*, **2013**, 24, 29.
3. *Tetrahedron-Asymmetry*, **2013**, 24, 151.
4. *Org. Lett.*, **2013**, 15, 310.
5. *Org. Lett.*, **2015**, 17, 790.

45-2100 Tetrakis[(R)-(+)-N-(p-dodecylphenylsulfonyl)prolinato]dirhodium(II) Rh₂(R-DOSP)₄ [178879-60-2]
 [C₂₃H₃₆NO₄S]₄Rh₂; FW: 1896.22; green powdr.; [α]_D +165° (c 0.1, CHCl₃)
 Note: Sold under license for research purposes.
50mg
250mg

Technical Notes:

1. Catalyst used for tandem asymmetric cyclopropanation/Cope rearrangement.
2. Catalyst used for an asymmetric [4 + 3] cycloaddition.

Tech. Note (1)
Ref. (1)Tech. Note (1)
Ref. (2)

References:

1. *Angew. Chem. Int. Ed.*, **2009**, 48, 2398.
2. *Org. Lett.*, **2008**, 10, 573.

45-2101 Tetrakis[(S)-(-)-N-(p-dodecylphenylsulfonyl)prolinato]dirhodium(II) Rh₂(S-DOSP)₄ [179162-34-6]
 C₂₃H₃₆NO₄S]₄Rh₂; FW: 1896.22; green powdr.; [α]_D -165° (c 1.0, CHCl₃)
 Note: Sold under license for research purposes
50mg
250mg

Technical Note:

1. See 45-2100.

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