

SUPPORTING
MATERIAL :
RYOJI NOYORI
COLOR FIGURES



Ryoji Noyori color figures

The following section shows selected figures from [339] in color, making the explained relationships easier to understand.

[339] R. Noyori: *Research Should Be Fresh, Simple, and Clear*. (Lives in Chemistry.) GNT Publishing, Berlin, 2025. doi: [10.47261/1564](https://doi.org/10.47261/1564).

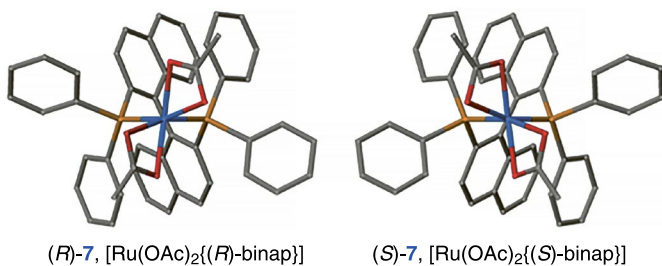
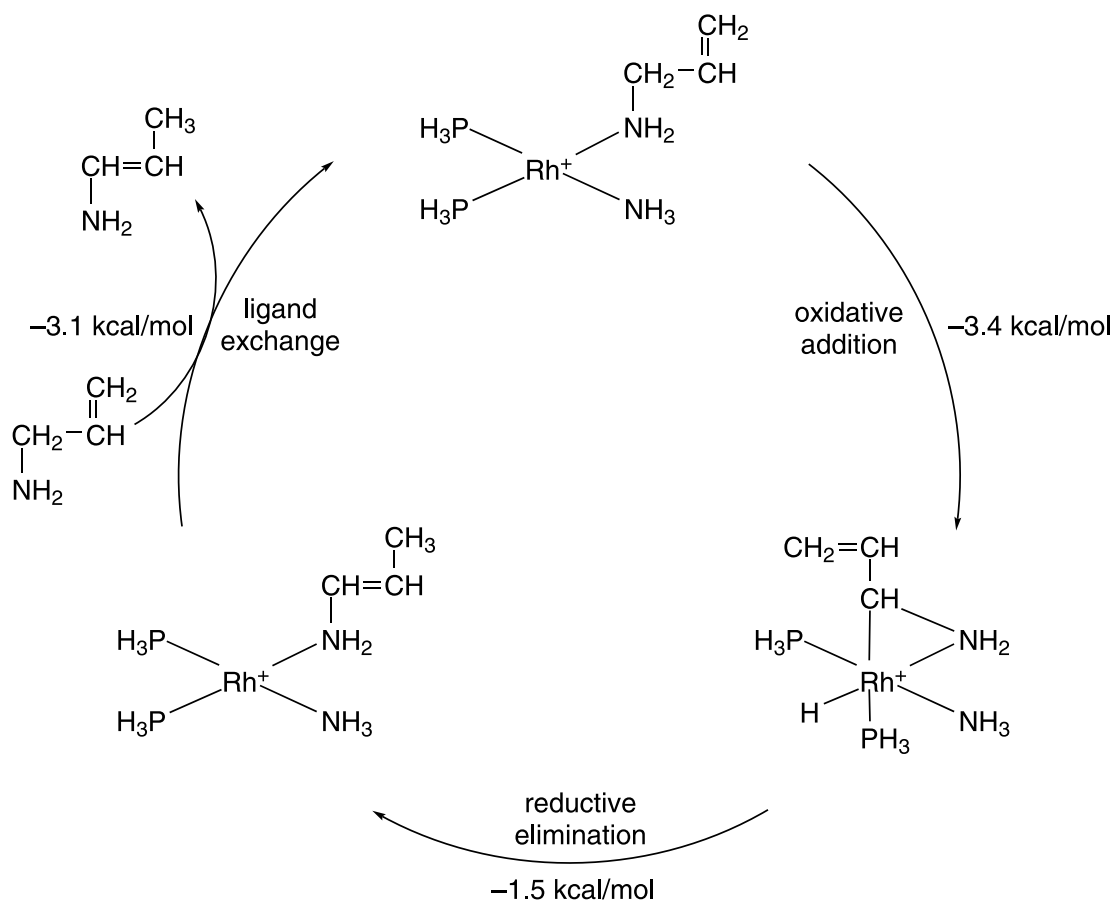


Fig. 6.32. Structures of BINAP-Ru diacetate complexes. Blue, yellow, and red colors correspond to Ru, P, and O atoms, respectively.



Diastereomeric transition states in C–H activation

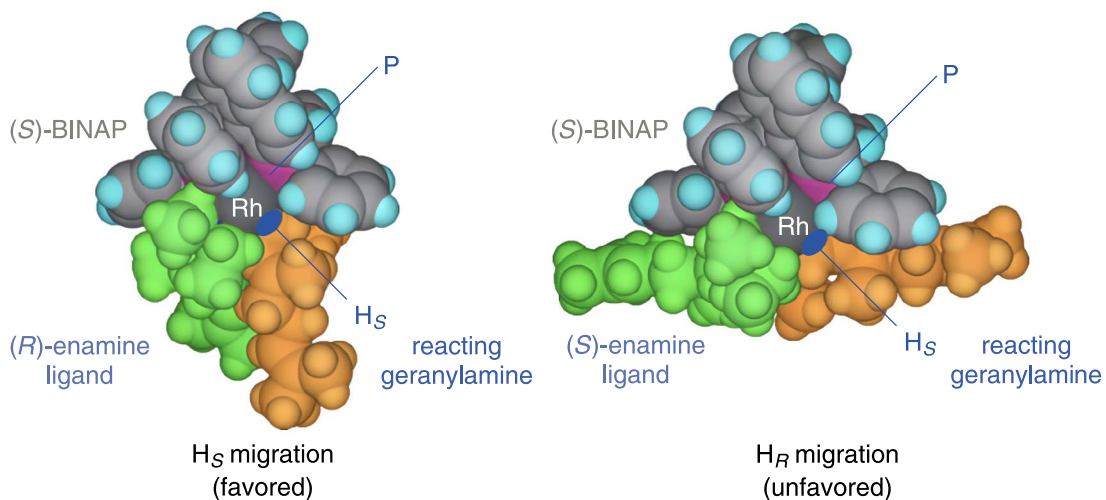


Fig. 6.25.–6.26.

(opposite page)

Mechanism
of allylamine
to enamine
isomerization
catalyzed by an
(*S*)-BINAP-Rh
complex.

(a) Calculations
on a model
system.

(b) Diastereo-
meric TSs in the
C(1) hydrogen
activations.

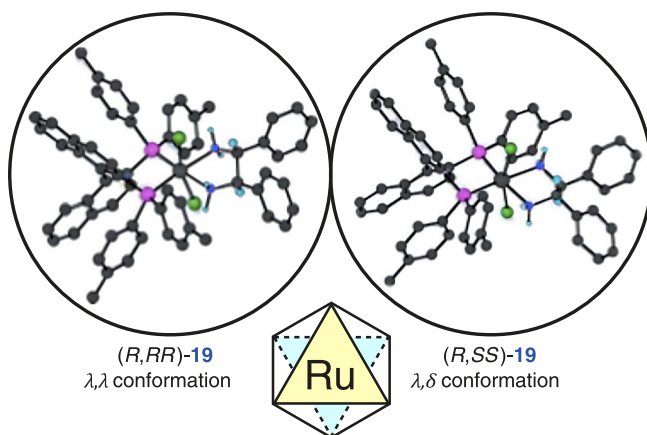


Fig. 7.20.

Molecular
structures
of *trans*-[Ru-
Cl₂](*R*)-tolbinap
[(*R,R*)-dpen]
and *trans*-[Ru-
Cl₂](*R*)-tolbinap
[(*S,S*)-dpen].
Blue: N, pink: P,
green: Cl.

Image sources

Masashi Yamakawa: Fig. 6.26.

Noyori Private Archive: Figs. 6.25., 6.32., 7.20.

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