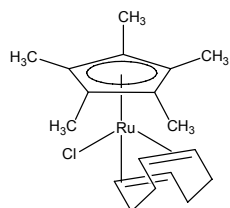
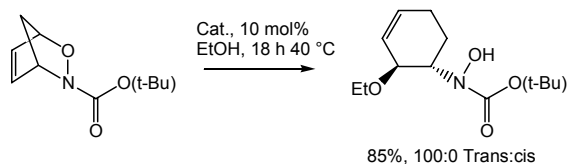


Catalog # 44-0113 Chloro(1,5-cyclooctadiene)(pentamethylcyclopentadienyl)ruthenium(II), 98%

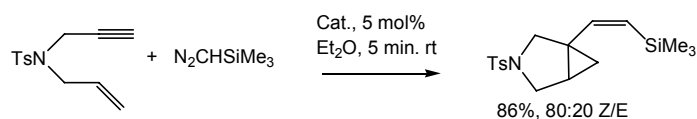


Technical Notes:

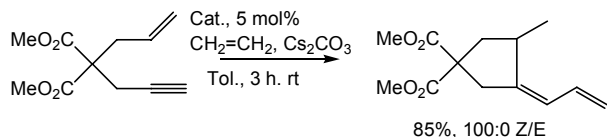
1. Catalyst for regio and stereo-specific ring opening via N-O bond cleavage.
2. Catalyst for transformation of 1,6-enynes and diazoalkanes into alkenylbicyclo[3.1.0]hexane derivatives.
3. Catalyst for ring closing enyne metathesis.
4. Catalyst for [2 + 2 + 2] cocyclization of diene-yne, and cyclodimerization of allenynes.
5. Catalyst for hydrovinylation of ynamides with ethylene.
6. Catalyst for C-H insertion reactions of carbenes.



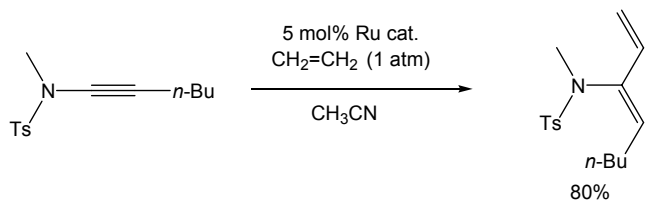
Tech. Note (1)
Ref. (1)



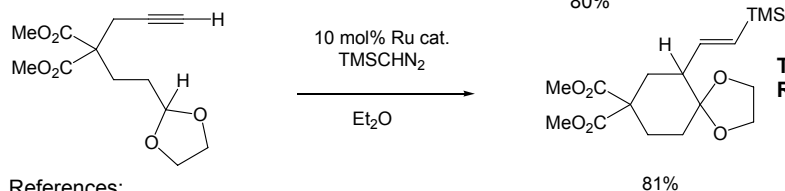
Tech. Note (2)
Ref. (2)



Tech. Note (3)
Ref. (3)



Tech. Note (5)
Ref. (6)



Tech. Note (6)
Ref. (7)

References:

1. *Org. Lett.*, **2009**, 11, 2077.
2. *J. Am. Chem. Soc.*, **2007**, 129, 6037.
3. *Organometallics*, **2008**, 27, 6313.
4. *J. Am. Chem. Soc.*, **2007**, 129, 7730.
5. *Organometallics*, **2009**, 28, 669.
6. *Org. Lett.*, **2011**, 13, 2718.
7. *Angew. Chem. Int. Ed.*, **2012**, 51, 723.