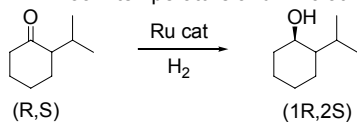


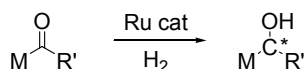
Catalog # 44-0221 Dichloro[(R)-(+)-2,2'-bis(diphenylphosphino)-1,1'-binaphthyl][(1S,2S)-(-)-1,2-diphenylethylenediamine]ruthenium(II), min. 90%

Technical Note:

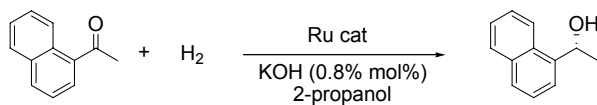
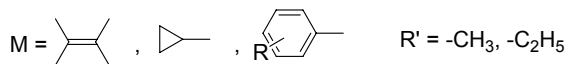
- The NOYORI catalysts are a ruthenium-based system containing a phosphine and 1,2-diamine ligand. The catalysts are used in the highly-efficient, enantio and diastereoselective hydrogenation of simple ketones, usually under the mild conditions of room temperature and 1-10 atm of hydrogen pressure.



Ref. (1)



Ref. (2,3)



Ref. (4)

References:

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- Angew. Chem. Int. Ed.*, **2001**, 40, 40 (review article).
- J. Am. Chem. Soc.*, **1998**, 120, 13529.
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