

Strem Chemicals, Inc.

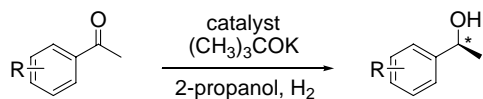
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Catalog # 44-0391 Dichloro[(S)-(-)-2,2',6,6'-tetramethoxy-4,4'-bis(di(3,5-xylyl)phosphino)-3,3'-bipyridine][(1S,2S)-(-)-1,2-diphenylethylenediamine]ruthenium(II), min. 95%

Note: Sold in collaboration with Johnson Matthey for research purposes only. US patent Application No US Patent 5 886 182, 1999 and patents arising therefrom.

Technical Note:

1. Effective catalyst for the highly enantioselective hydrogenation of a diverse range of simple aromatic ketones.



**Tech. Note (1)**  
**Ref. (1)**

References:

1. *J. Org. Chem.*, **2002**, 67, 7908.
2. *Chem. Eur. J.*, **2003**, 9, 2963.