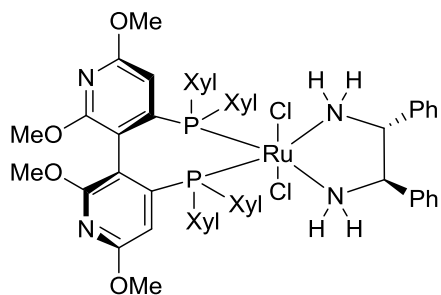


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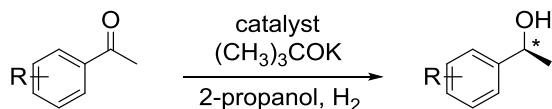
Catalog # 44-0390 Dichloro[(R)-(+)-2,2',6,6'-tetramethoxy-4,4'-bis(di(3,5-xylyl)phosphino)-3,3'-bipyridine] [(1R,2R)-(+)-1,2-diphenylethylenediamine]ruthenium (II), min. 95%



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.