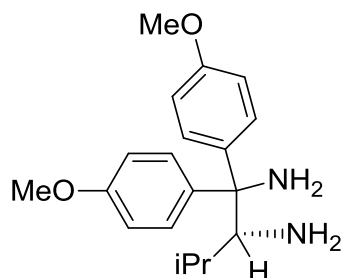
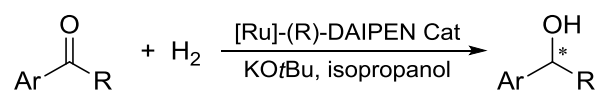


Catalog # 07-0210 (2R)-(+)-1,1-Bis(4-methoxyphenyl)-3-methyl-1,2-butanediamine, min. 97% (R)-DAIPEN

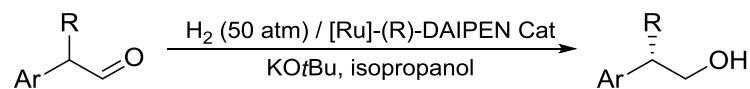


Technical Notes:

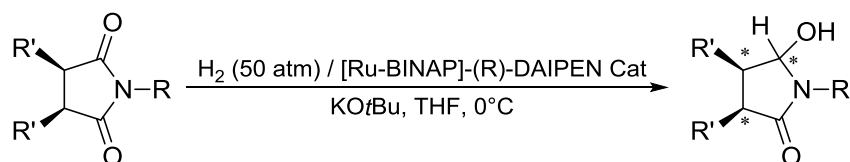
1. Used in the ruthenium-catalyzed enantioselective hydrogenation of aromatic ketones.
2. Used in ruthenium-catalyzed asymmetric hydrogenation of racemic aldehydes to optically active primary alcohols.
3. Used in ruthenium-catalyzed enantioselective monohydrogenation of *meso*-cyclic imides.



Tech. Note (1)
Ref. (1, 2)



Tech. Note (2)
Ref. (3)



Tech. Note (3)
Ref. (4)

References:

1. *J. Am. Chem. Soc.*, **1995**, 117, 2675.
2. *Org. Lett.*, **2004**, 6, 2937.
3. *J. Am. Chem. Soc.*, **2007**, 129, 1868.
4. *J. Am. Chem. Soc.*, **2010**, 132, 12832.