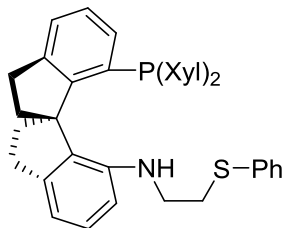


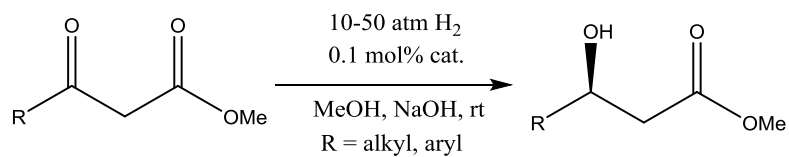
Catalog # 15-1645 (R)-(+)-7-[N-(2-Phenylthio)ethylamino]-7'-[bis(3,5-dimethylphenyl)phosphino]-2,2',3,3'-tetrahydro-1,1'-spirobindane, 97+% (>99% ee) [(R)-Xyl-SpiroSAP-Ph]



***This tech note is for the iridium complex 77-2510. This is an analogous ligand included in the reference below.**

Technical Notes:

1. Catalyst used for the asymmetric hydrogenation of β -alkyl- β -ketoesters.



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

Reference:

1. Angew. Chem. Int. Ed., **2015**, *54*, 8791.