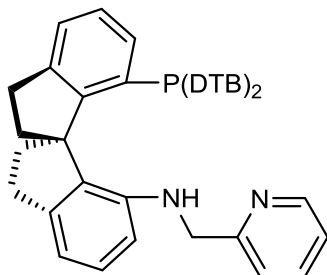
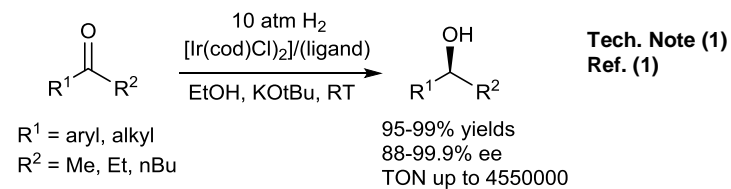


Catalog # 15-5166 (R)-(+)-7-Bis(3,5-di-t-butylphenyl)phosphino-7'-[(pyridine-2-ylmethyl)amino]-2,2',3,3'-tetrahydro-1,1'-spirobiindane, min. 98% (>99% ee) (R)-DTB-SpiroPAP



Technical Notes:

1. Extremely efficient chiral iridium catalyst used for the asymmetric hydrogenation of ketones.



Reference:

1. *Angew. Chem Int. Ed.*, **2011**, *50*, 7329.