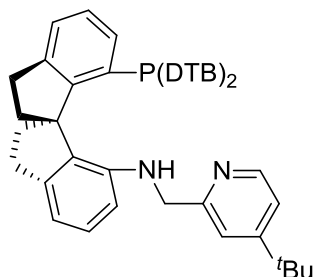


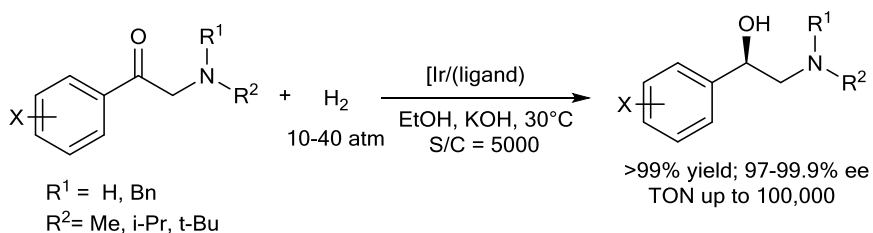
Catalog # 15-5147

(R)-(+)-7-Bis(3,5-di-t-butylphenyl)phosphino-7'-[(4-t-butylpyridine-2-ylmethyl)amino]-2,2',3,3'-tetrahydro-1,1'-spirobiindane, min. 98% (>99% ee)  
(R)-DTB-SpiroPAP-4-t-Bu



## Technical Notes:

1. Enantioselective synthesis of chiral 1,2-amino alcohols via asymmetric hydrogenation of  $\alpha$ -amino ketones with chiral spiro iridium catalysts.



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

## Reference:

1. *Synthesis*, **2014**, *46*, 2910.