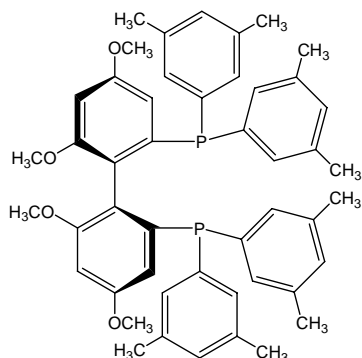


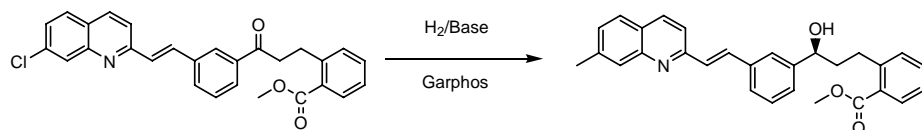
Catalog # 15-1662 (S)-2,2'-Bis[bis(3,5-dimethylphenyl)phosphino]-4,4',6,6'-tetramethoxy-1,1'-biphenyl, min. 97% (S)-Xyl-Garphos™



Note: Sold in collaboration with KCT. Patent US App No. 61/381,493.

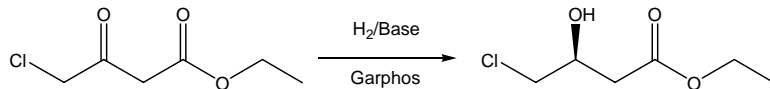
Technical Note:

- Chiral ligand used in the preparation of hydrogenation catalysts with exceptionally high activity and selectivity.



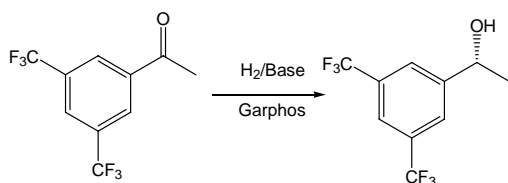
>99% conversion
>98% ee

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



>99% conversion
>98% ee

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



S:C = 100.000:1
>99% conversion
>99% ee

Tech. Note. (3)
Ref. (1)

Reference:

- US Patent Application No. 61/381,493.