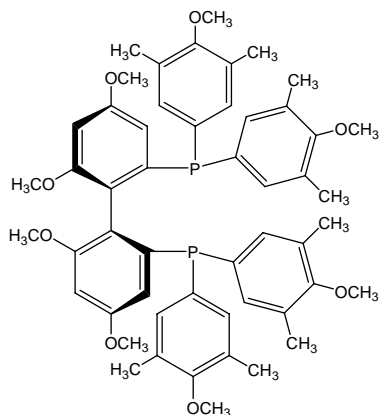


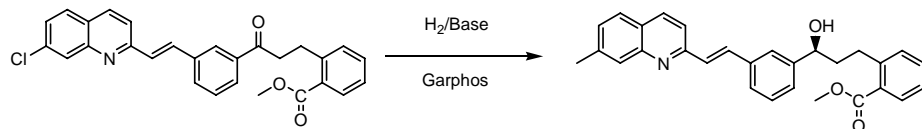
Catalog # 15-1667 (S)-2,2'-Bis[bis(4-methoxy-3,5-dimethylphenyl)phosphino]-4,4',6,6'-tetramethoxy-1,1'-biphenyl, min. 97% (S)-DMM-Garphos™



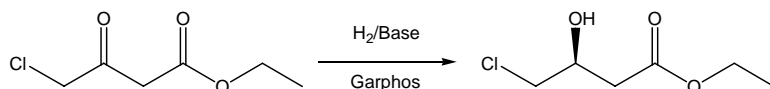
Note: Sold in collaboration with KCT. Patent US App No. 61/381,493.

Technical Note:

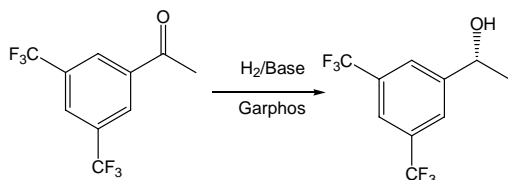
- Chiral ligand used in the preparation of hydrogenation catalysts with exceptionally high activity and selectivity.



>99% conversion  
>98% ee  
**Tech. Note. (1)**  
**Ref. (1)**



>99% conversion  
>98% ee  
**Tech. Note. (2)**  
**Ref. (1)**



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

S:C = 100,000:1  
>99% conversion  
>99% ee

Reference:

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