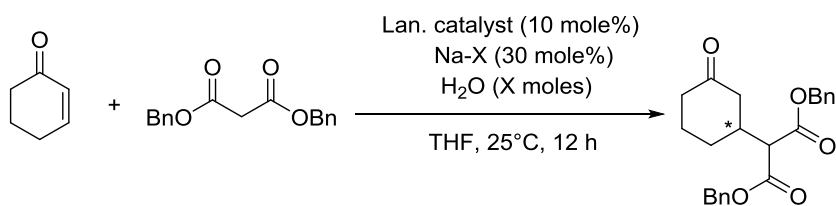
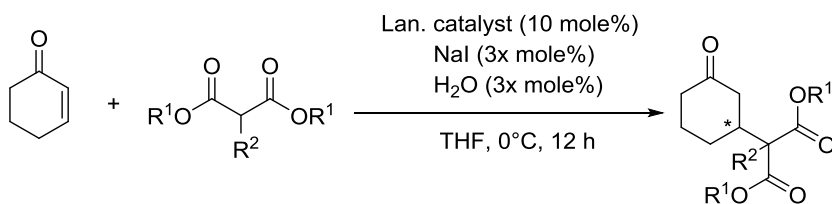


## Technical Notes:

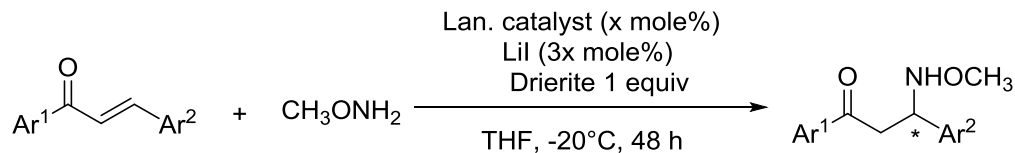
1. Catalyst used for an asymmetric Michael addition.
2. Catalyst used for an asymmetric Michael addition of 1,3-dicarbonyls to enones.
3. Catalyst used for the asymmetric aza-Michael addition of methylhydroxylamine to chalcone derivatives.
4. Catalyst used for the asymmetric direct aldol reaction of acetophenone and pivaldehyde.



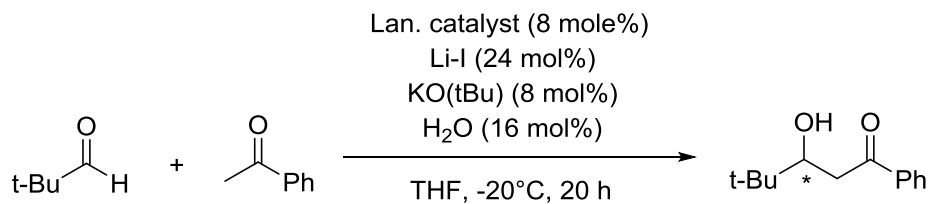
**Tech. Note (1)**  
**Ref. (1)**



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



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



**Tech. Note (4)**  
**Ref. (1)**

## Reference:

1. *J. Am. Chem. Soc.*, **2014**, 136, 8034.