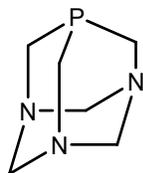
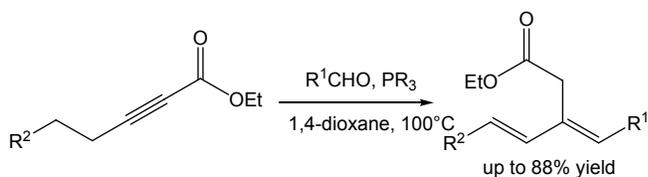


Catalog # 15-5710 1,3,5-Triaza-7-phosphaadamantane, min. 97% PTA

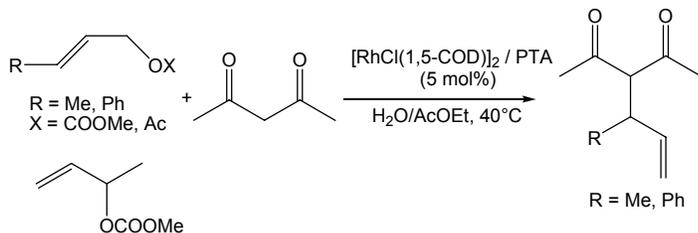


## Technical Notes:

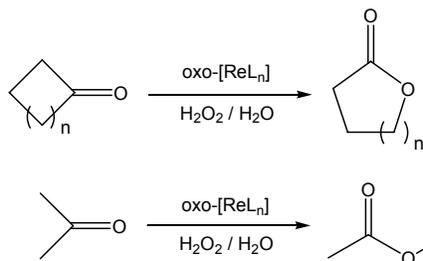
1. Air-stable, water-soluble version of trimethylphosphine.
2. Reagent used in the  $\beta$ -olefination of 2-alkynoates leading to trisubstituted 1,3-dienes.
3. Ligand/rhodium catalyst used in the branch selective allylation of acetylacetone.
4. Ligand/oxorhenium complex used as a catalyst for the Baeyer-Villiger oxidation of ketones.



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



**Tech. Note (3)**  
**Ref. (2)**



**Tech. Note (4)**  
**Ref. (3)**

## References:

1. *Org. Lett.*, **2011**, 13, 3418.
2. *J. Organometallic Chem.*, **2011**, 696, 1927.
3. *Inorg. Chem.*, **2013**, 52, 4534.