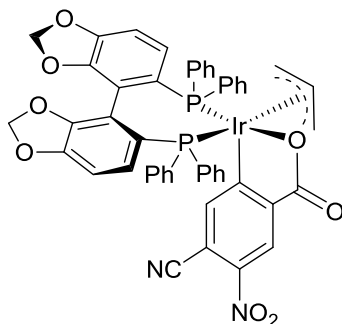


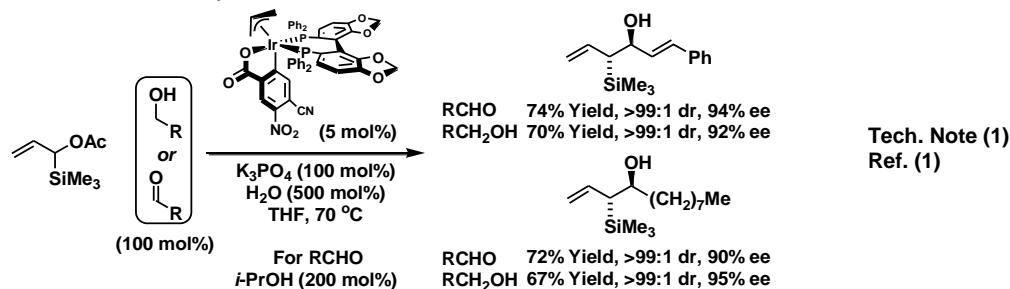
Catalog # 77-5075 [(S)-(-)-5,5'-Bis(diphenylphosphino)-4,4'-bi-1,3-benzodioxole][4-cyano-3-nitrobenzenecarboxylato][1,2,3-η-2-propenyl]iridium(III), min. 97%



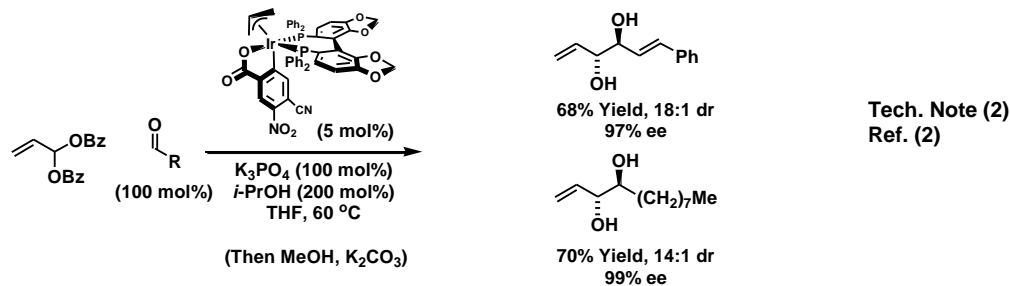
Note: Manufactured under license of Takasago patent.

Technical Notes:

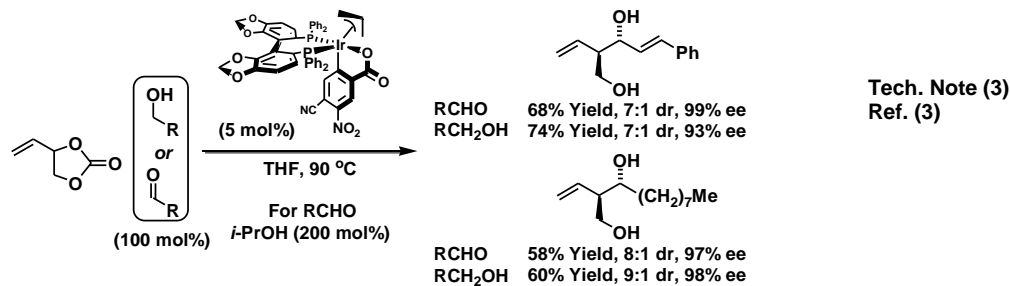
- Catalyst used for the diastereo- and enantioselective carbonyl (trimethylsilyl)allylation from the alcohol, or aldehyde, oxidation level.



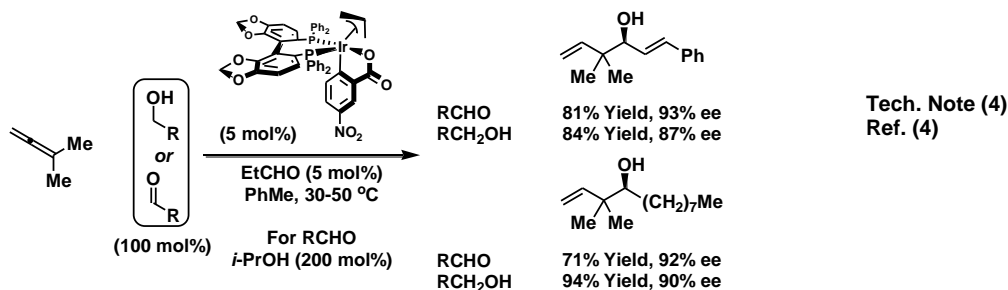
- Catalyst used for the diastereo- and enantioselective carbonyl (hydroxy)allylation to form anti-1,2-diols.



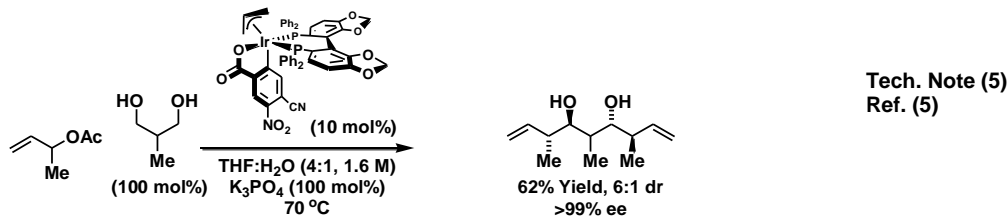
- Catalyst used for the diastereo- and enantioselective carbonyl (hydroxymethyl)allylation from the alcohol, or aldehyde, oxidation level.



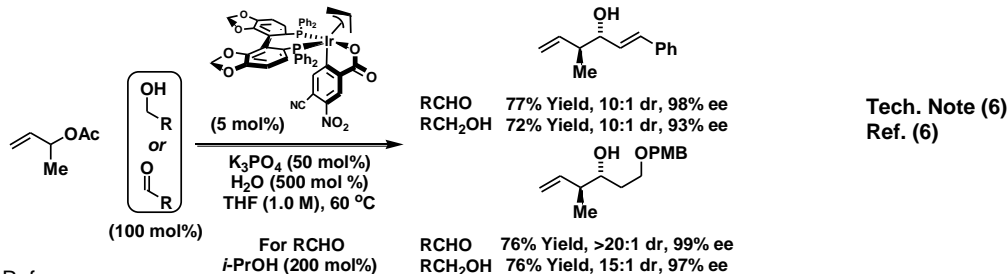
4. Catalyst used for the diastereo- and enantioselective carbonyl tert-prenylation from the alcohol, or aldehyde, oxidation level.



5. Catalyst used for the diastereo- and enantioselective carbonyl double crotylation of 1,3-diols.



6. Catalyst used for the diastereo- and enantioselective carbonyl crotylation from the alcohol or aldehyde oxidation level.



References:

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2. *J. Am. Chem. Soc.*, **2010**, 132, 1760.
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