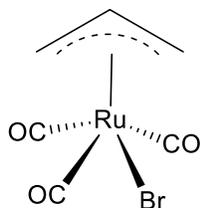
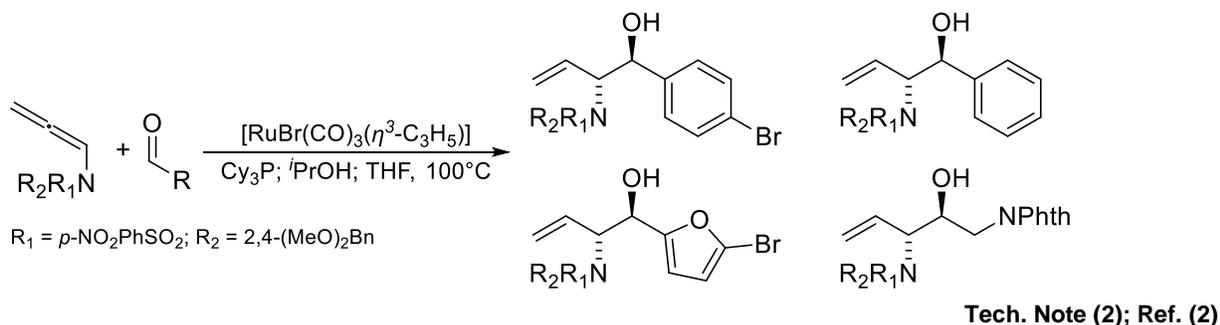
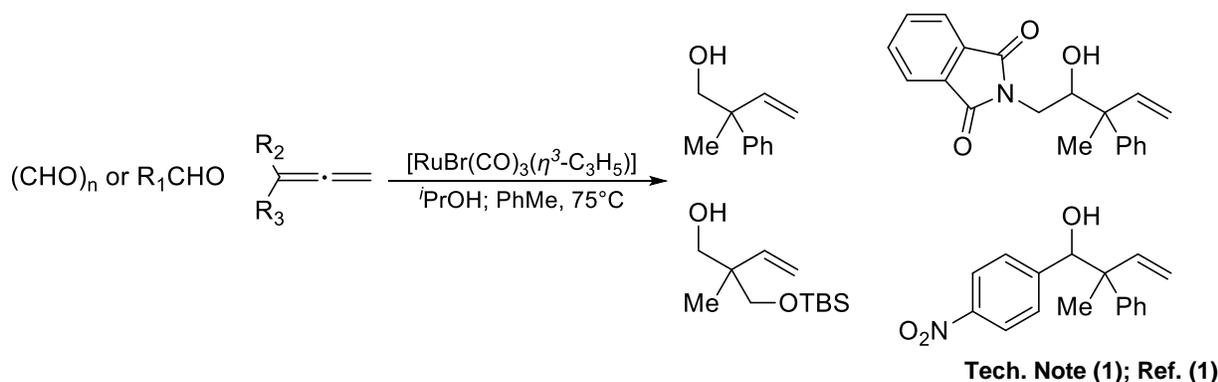


Catalog # 44-5150 Allylruthenium(II) tricarbonyl bromide, 98%



Technical Notes

1. Used for branch-selective reductive C–C coupling of allenes to paraformaldehyde and higher aldehydes via Ru-catalyzed transfer hydrogenation
2. Used in *anti*-aminoallylation of aldehydes via Ru-catalyzed transfer hydrogenative coupling of sulfonamido allenes
3. Organometallic precursor used in the electron beam-induced deposition (EBID) [3-4, 7]
4. Organometallic precursor used in photochemical chemical vapour deposition (CVD) of ruthenium on functionalized self-assembled monolayers [5-6]



References:

1. *Org. Lett.*, **2008**, 10, 2705
2. *J. Am. Chem. Soc.* **2009**, 131, 5054
3. *J. Phys. Chem. C* **2015**, 119, 15349
4. *Phys. Chem. Chem. Phys.*, **2017**, 19, 13264

5. *J. Chem. Phys.*, **2017**, *146*, 052816
6. *ACS Appl. Mater. Interfaces* **2019**, *11*, 28164
7. *Organometallics* **2019**, *38*, 4363