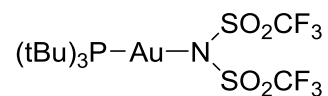
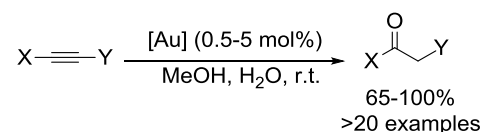


Catalog # 79-0355 Tri-t-butylphosphine[bis(trifluoromethyl)sulfonylimido]gold(I), 98%

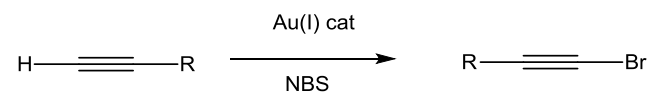


Technical Notes:

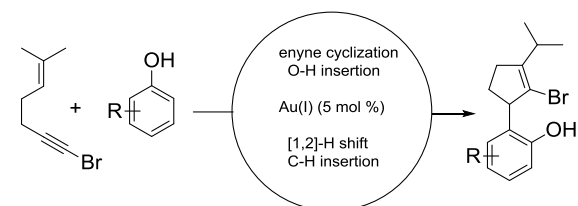
1. Catalyst used for the selective hydration of substituted alkynes at room temperature without acidic promoters.
2. Gold(I) catalyzes bromination of terminal alkynes.
3. Sequential O-H/C-H bond insertion of phenols initiated by the gold(I)-catalyzed cyclization of 1-bromo-1,5-enynes.
4. Ligand-controlled gold-catalyzed cycloisomerization of 1,n-enyne esters toward synthesis of dihydronaphthalene.



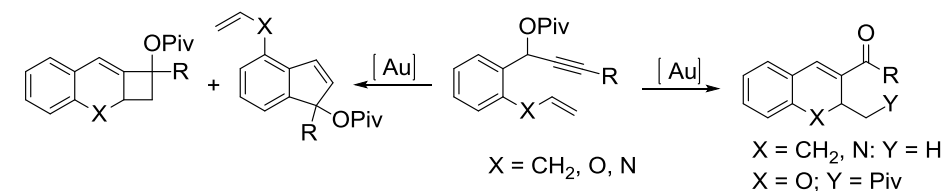
Tech. Note (1)
Ref. (1)



Tech. Note (2)
Ref. (2)



Tech. Note (3)
Ref. (3)



Tech. Note (4)
Ref. (4)

References:

1. *J. Org. Chem.*, **2009**, *74*, 2067.
2. *ACS Catalysis*, **2011**, *1*, 601.
3. *Org. Letts.*, **2015**, *17*, 1982.
4. *Chem. Commun.*, **2016**, *52*, 7687.