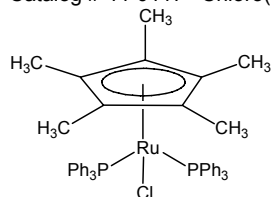
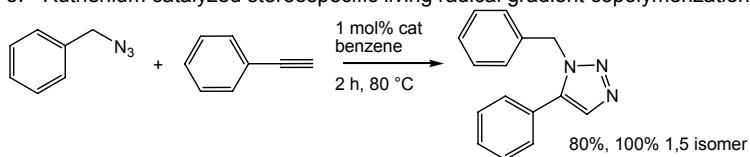


Catalog # 44-0117 Chloro(pentamethylcyclopentadienyl)bis(triphenylphosphine)ruthenium(II), 99%

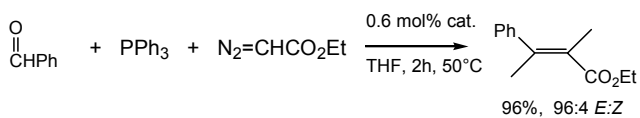


Technical Notes:

1. Effective catalyst for the regioselective cycloaddition of organic azides and terminal alkynes, producing 1,5-substituted triazoles. This "click" reaction complements the related copper catalyzed cycloaddition which favors the 1,4 substituted product.
2. One step catalytic alternative to the classic Wittig reaction.
3. Ruthenium catalyzed stereospecific living radical gradient copolymerization of acrylate monomer pairs.



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



Tech. Note (2)
Ref. (3)

References:

1. *J. Am. Chem. Soc.*, **2005**, *127*, 15998.
2. *J. Am. Chem. Soc.*, **2008**, *130*, 8923.
3. *Organometallics*, **2007**, *26*, 302.