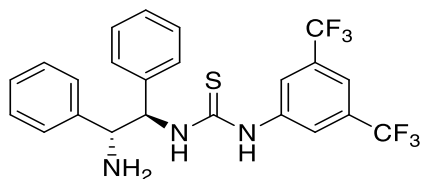
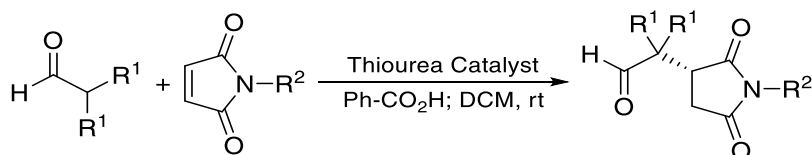


Catalog # 07-1418 N-[(1R,2R)-2-Amino-1,2-diphenylethyl]-N'-[3,5-bis(trifluoromethyl)phenyl]thiourea

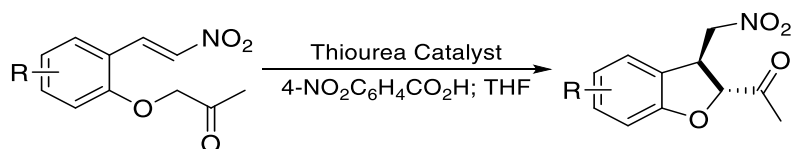


Technical Notes

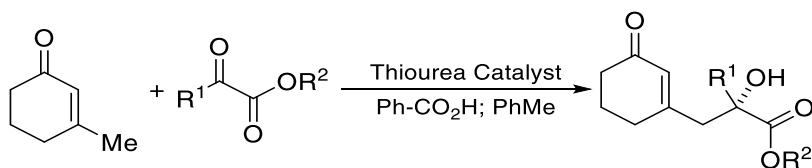
1. Catalyst for the asymmetric Michael addition of α, α -disubstituted aldehydes to maleimides.
2. Used in the enantioselective synthesis of *trans*-dihydrobenzofurans via intramolecular Michael addition.
3. Organocatalyst for the enantioselective direct vinylogous aldol reaction of 3-methyl 2-cyclohexen-1-one with α -keto esters.
4. Organocatalyst for enantioselective Friedel-Crafts alkylations of furans.
5. Catalyst for the regio- and diastereodivergent [4+2] cycloadditions with cyclic 2,4-Dienones.



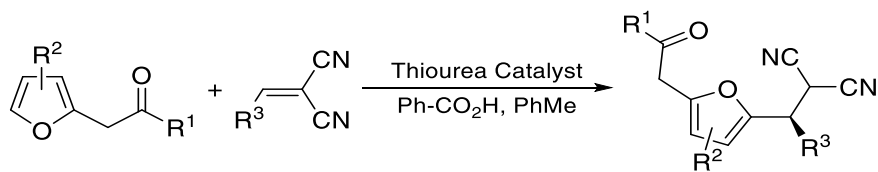
Tech. Note (1); Ref. (1)



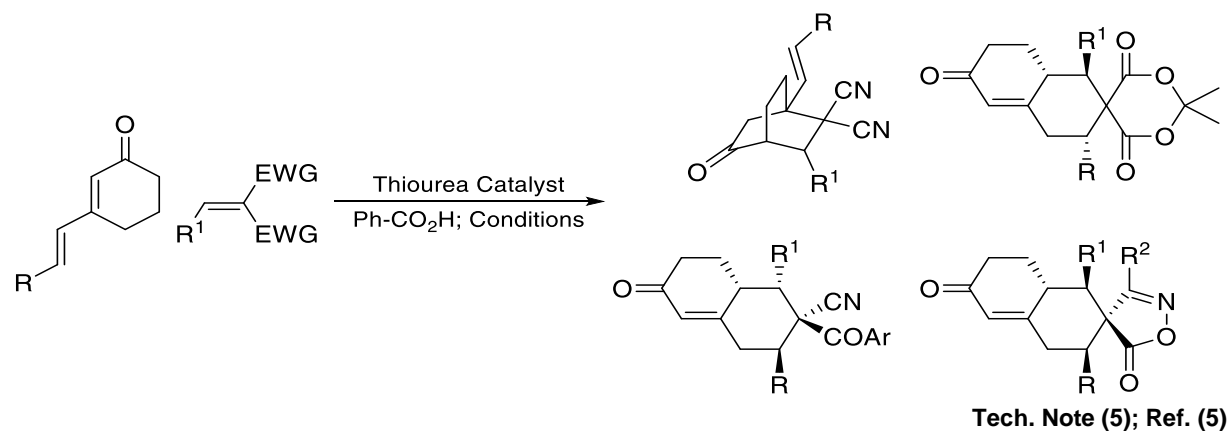
Tech. Note (2); Ref. (2)



Tech. Note (3); Ref. (3)



Tech. Note (4); Ref. (4)



References:

1. *Org. Biomol. Chem.*, **2010**, 8, 4767.
2. *J. Org. Chem.* **2012**, 77, 6208.
3. *Org. Lett.* **2013**, 15, 220.
4. *Angew. Chem. Int. Ed.* **2014**, 53, 5449.
5. *Org. Lett.* **2018**, 20, 236.