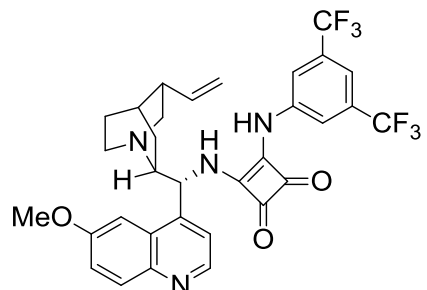
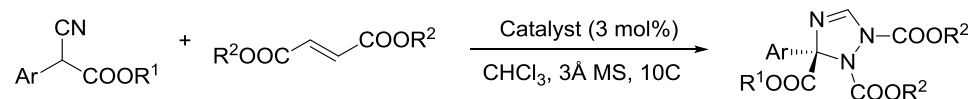


Catalog # 07-8435 3-[[3,5-Bis(trifluoromethyl)phenyl]amino]-4-[[[(9R)-6'-methoxycinchonan-9-yl]amino]-3-cyclobutene-1,2-dione



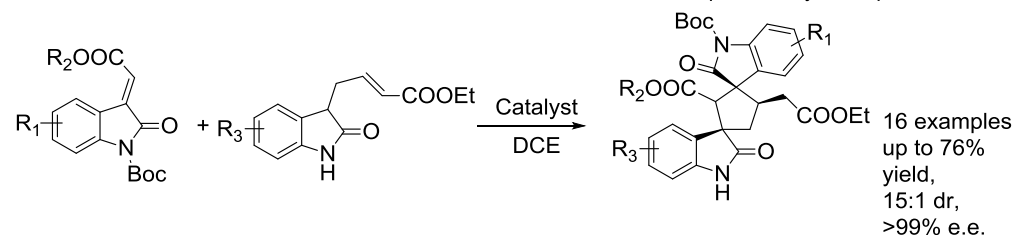
Technical Notes:

1. See 07-8436
2. **Hydrazination/Cyclization Cascade Reaction:** An efficient enantioselective hydrazination/cyclization cascade reaction of α -substituted isocyanoacetates to azodicarboxylates catalyzed by cinchona alkaloid derived squaramide catalysts has been investigated.
3. **Michael-Michael Cascade Reaction:** An organocatalytic Michael-Michael cascade for the enantioselective construction of spirocyclopentane bioxindoles was developed in moderate to good yield with good diastereoselectivities and excellent enantioselectivities.



Tech Note (1)
Ref. (1)

up to 99% yield, up to 97% e.e.



Tech Note (2)
Ref. (2)

16 examples
up to 76%
yield,
15:1 dr,
>99% e.e.

References:

1. *J. Org. Chem.*, **2013**, *78*, 9377-9382.
2. *Org. Lett.*, **2014**, *16*, 544-547.