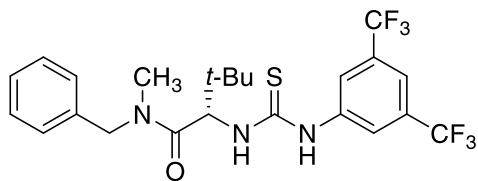
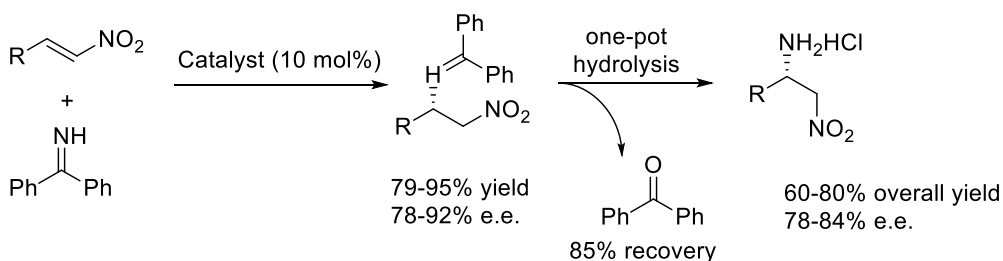


Catalog # 07-1417 (S)-2-[[3,5-Bis(trifluoromethyl)phenyl]thioureido]-N-benzyl-N,3,3-trimethylbutanamide

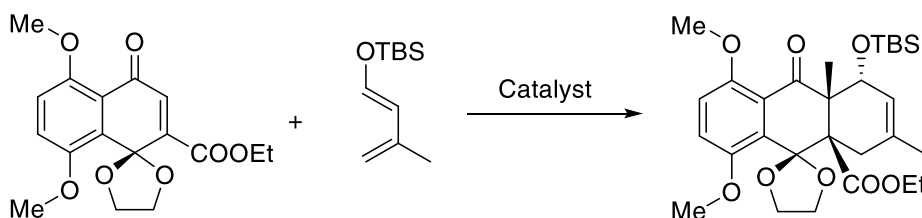


Technical Notes:

1. aza-Michael Reaction – Catalyst for the formal addition of ammonia to nitroalkenes, affording optically active β -amino nitro compounds in high yields and enantioselectivities. The approach is based on a novel thiourea-catalyzed aza-Michael reaction, by which benzophenone imine serves as a masked ammonia equiv., which is released by hydrolysis.
2. Diels-Alder Reaction - A variety of organocatalysts were screened for the catalysis of the naphthoquinone monoketal Diels-Alder reaction.



Tech Note (1)
Ref. (1)



Tech Note (2)
Ref. (2)

References:

1. *Chem.-Eur. J.*, **2010**, 16, 13330-13334.
2. *Beilstein J. Org. Chem.*, **2013**, 9, 1414-1418.