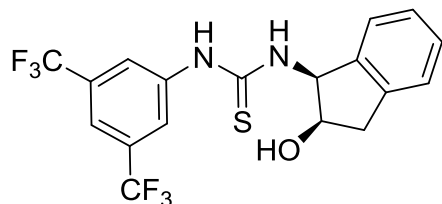
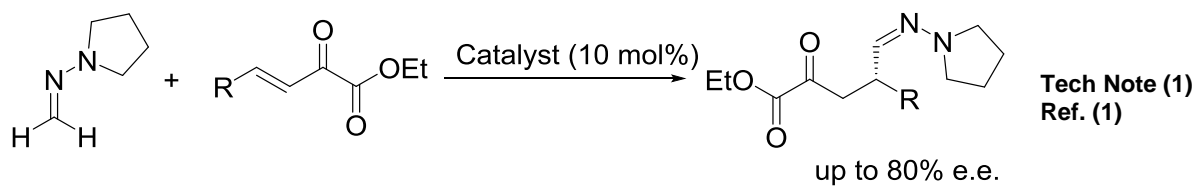


Catalog # 07-6300 N-[3,5-Bis(trifluoromethyl)phenyl]-N'-[(1S,2R)-2,3-dihydro-2-hydroxy-1H-inden-1-yl]thiourea



## Technical Notes:

1. **Nucleophilic Conjugate Addition:** (1S,2R)-1-Aminoindan-2-ol-derived thioureas behave as efficient H-bonding organocatalysts for the nucleophilic conjugate addition of formaldehyde hydrazones to  $\beta,\gamma$ -unsaturated  $\alpha$ -keto esters as enoate surrogates, affording the corresponding adducts in good yields and enantioselectivities.
2. **Friedel-Crafts Alkylation:** A novel study on the influence of external Bronsted acids on thiourea catalysts in the asym. Friedel-Crafts alkylation of indoles with nitroalkenes is reported.



## References:

1. *Org. Lett.*, **2007**, 9, 3303-3306.
2. *Eur. J. Org. Chem.*, **2011**, (20-21), 3700-3705.