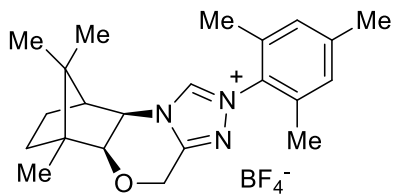


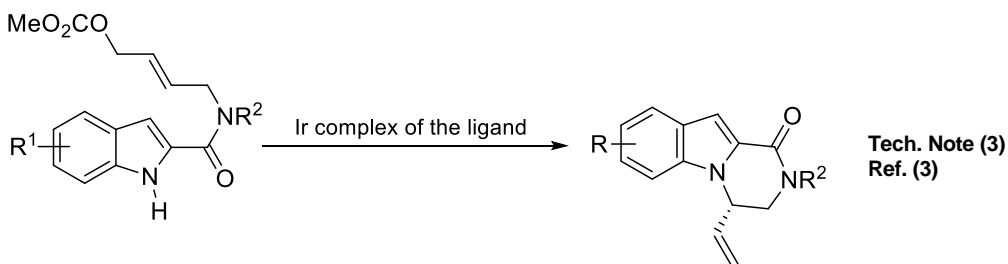
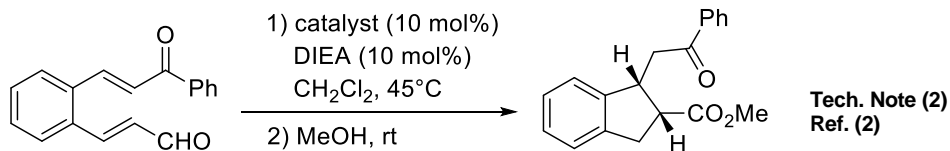
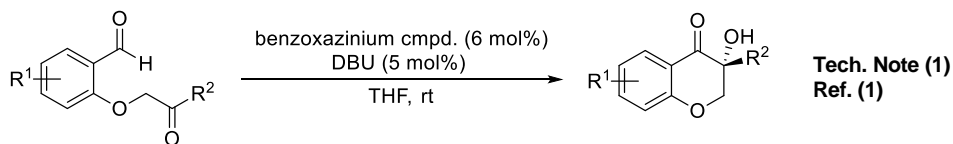
Catalog # 07-0975 (5a*S*,6*R*,9*S*,9a*R*)-5a,6,7,8,9,9a-Hexahydro-6,11,11-trimethyl-2-(2,4,6-trimethylphenyl)-6,9-methano-4*H*-[1,2,4]triazolo[3,4-*c*][1,4]benzoxazinium tetrafluoroborate



Note: Sold in collaboration with SIOC for research purposes only. Patent ZL200810033107.0.

Technical Notes:

1. D-Camphor-derived triazolium salts for catalytic intramolecular crossed aldehyde-ketone benzoin reactions.
2. Highly enantioselective intramolecular Michael reactions by D-camphor-derived triazolium salts.
3. Synthesis of enantioenriched indolopiperazinones via Ir (I) N-heterocyclic carbene complex catalyzed asymmetric intramolecular allylic amination reaction.



References:

1. *Chem. Commun.*, **2008**, 2263.
2. *Chem. Commun.*, **2009**, 5823.
3. *Heterocycles*, **2017**, 95, 304.