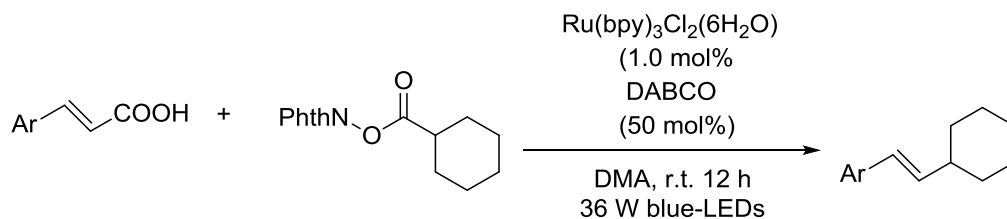
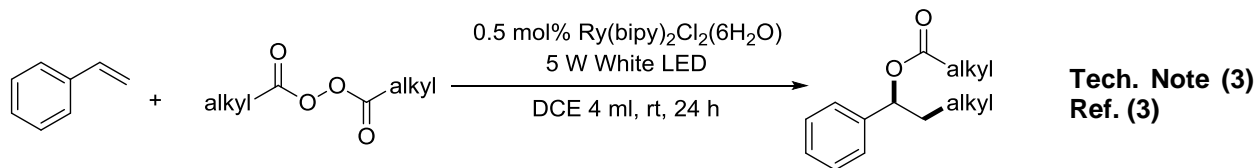
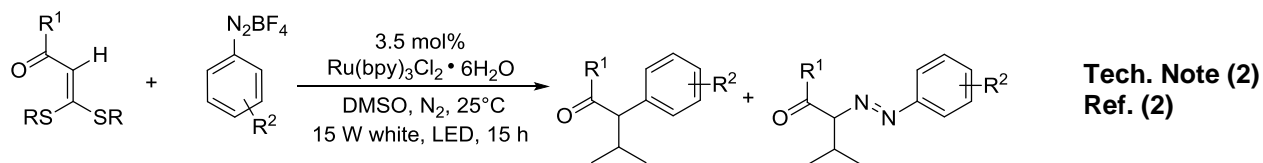
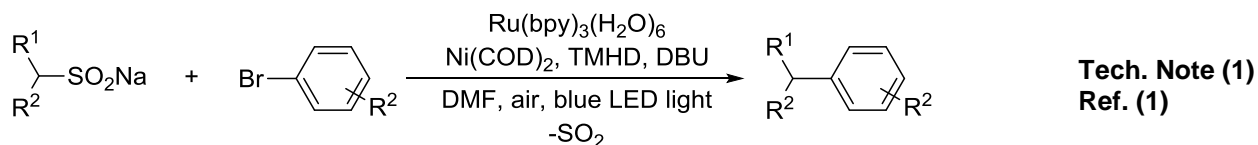
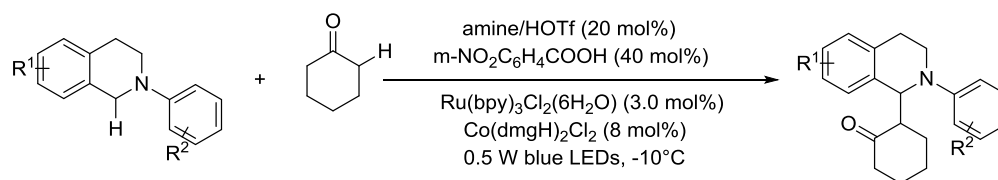


Technical Notes:

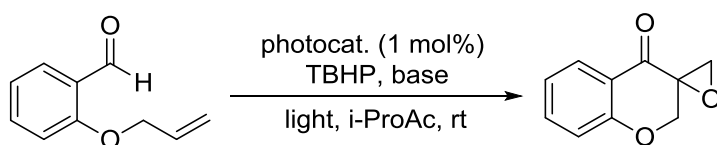
1. Visible light-promoted synthesis of spiroepoxy chromanone derivatives via a tandem oxidation/radical/cyclization/epoxidation process.
2. Visible light-promoted, asymmetric cross-dehydrogenative coupling of tertiary amines to ketones by synergistic multiple catalysis.
3. Photoredox catalysis enabled alkylation of alkenyl carboxylic acids with N-(acyloxy)phthalimide via dual decarboxylation.
4. Alkyl esterification of vinylarenes enabled by visible-light-induced decarboxylation.
5. Photoredox-catalyzed C-H arylation of internal alkenes to tetrasubstituted alkenes.
6. Ru/Ni catalytic photoredox C(sp²)-C(sp³) cross-coupling of alkyl sulfinate salts and aryl halides.



Tech. Note (4)
Ref. (4)



Tech. Note (5)
Ref. (5)



Tech. Note (6)
Ref. (6)

References:

1. *Adv. Synth. Catal.*, **2017**, 359, 3945.
2. *Angew. Chem. Int. Ed.*, **2017**, 56, 3694.
3. *Chem. Commun.*, **2017**, 53, 10719.
4. *Chem. Eur. J.*, **2017**, 23, 11767.
5. *Org. Lett.*, **2017**, 19, 6248.
6. *Org. Lett.*, **2017**, 19, 6566.