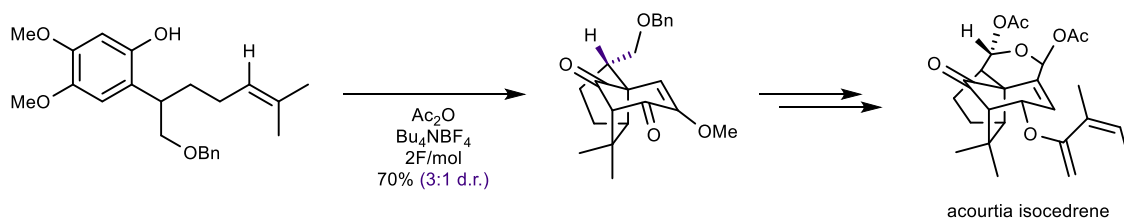
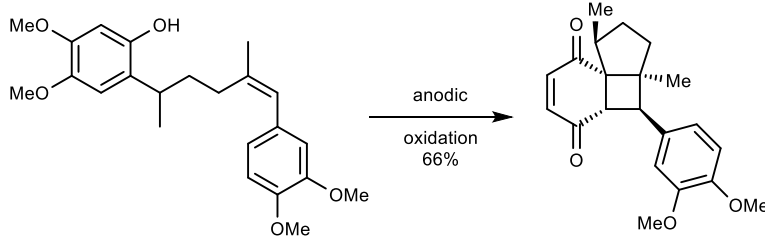
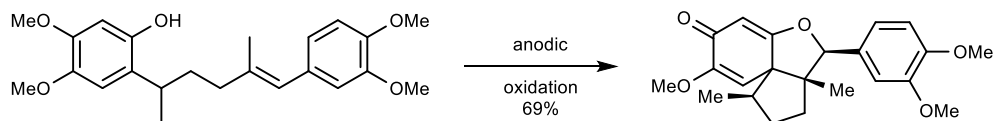


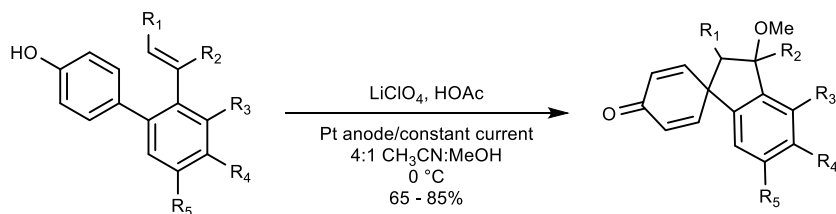
Early examples:



Chem. Lett. **1992**, 21 (4), 651–654. <https://doi.org/10.1246/cl.1992.651>.

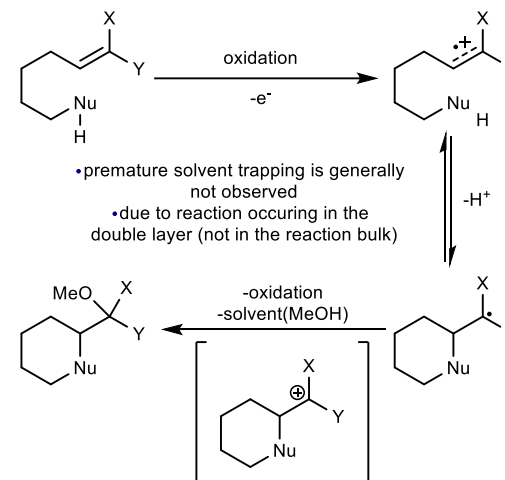
Chem. Lett. **1993**, 22 (6), 1059–1062. <https://doi.org/10.1246/cl.1993.1059>.

Tetrahedron Letters **1999**, 40 (2), 299–302. [https://doi.org/10.1016/S0040-4039\(98\)02295-3](https://doi.org/10.1016/S0040-4039(98)02295-3).

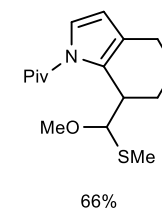
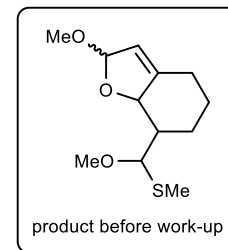
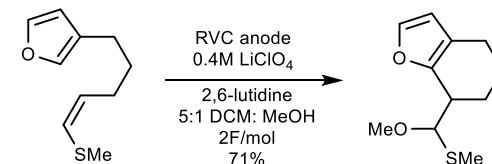


Tetrahedron **2000**, 56 (49), 9527–9554. [https://doi.org/10.1016/S0040-4020\(00\)00840-1](https://doi.org/10.1016/S0040-4020(00)00840-1).

Mechanism:

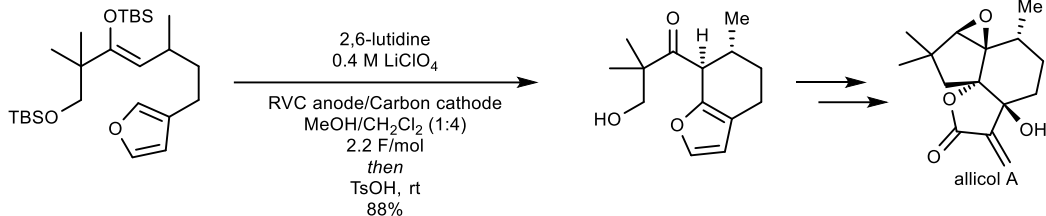


Furans as nucleophiles:

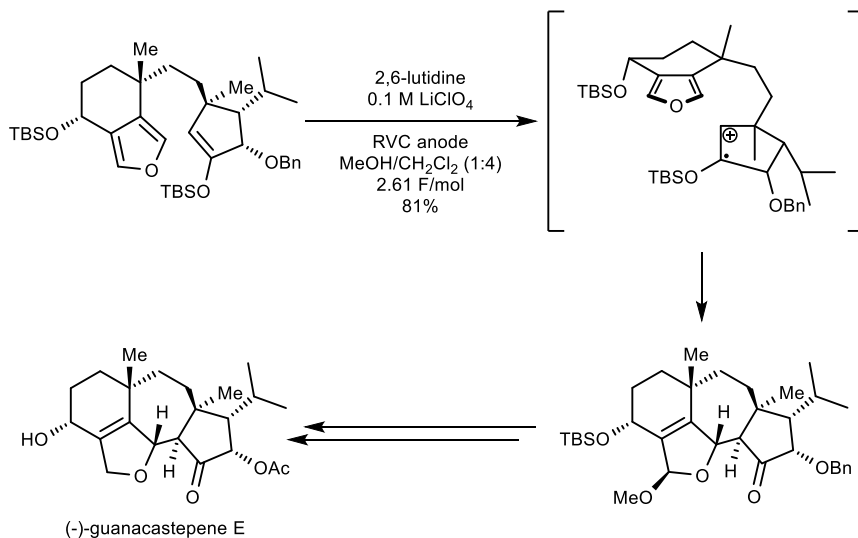


J. Org. Chem. **1996**, 61 (5), 1578–1598. <https://doi.org/10.1021/jo9518359>.

Examples in total synthesis:

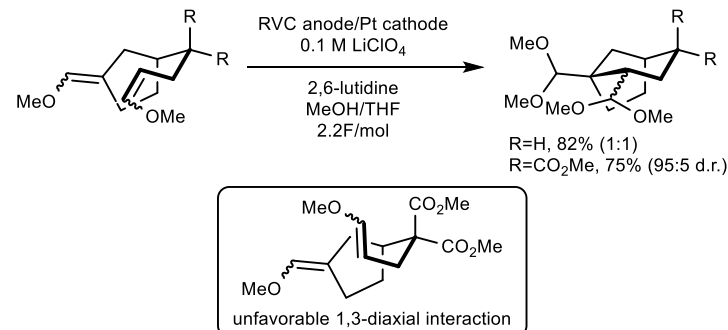


J. Am. Chem. Soc. **2004**, *126* (29), 9106–9111. <https://doi.org/10.1021/ja048085h>.

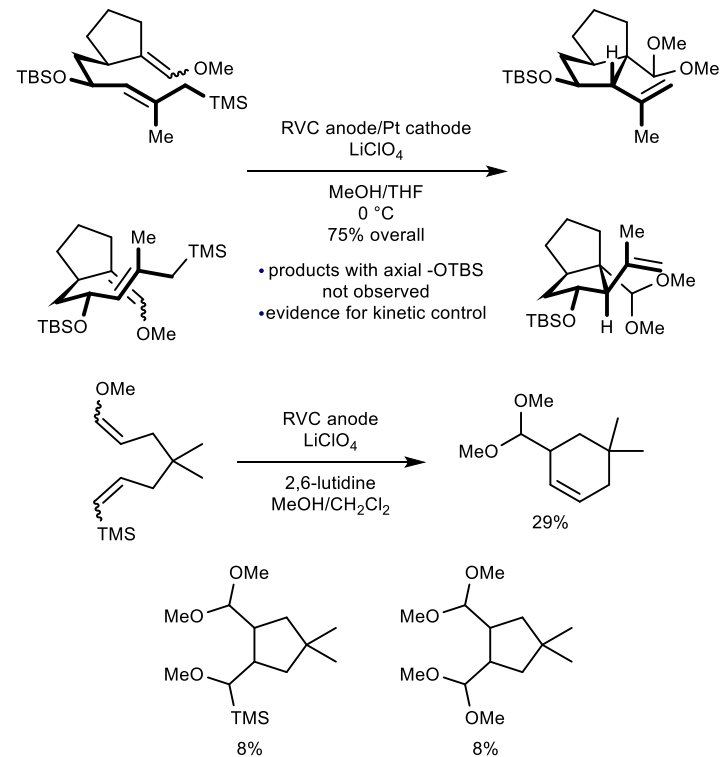


J. Am. Chem. Soc. **2006**, *128* (51), 17057–17062. <https://doi.org/10.1021/ja0660507>.

Stereochemical/kinetic considerations:

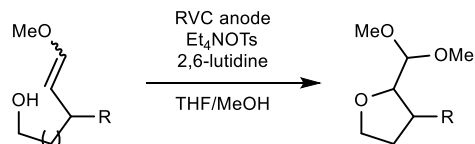
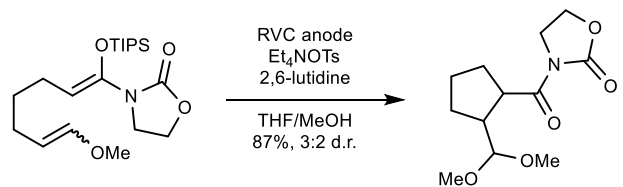
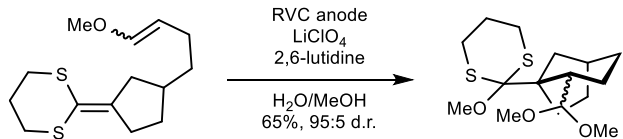


Tetrahedron Letters **1998**, *39* (44), 8027–8030.
[https://doi.org/10.1016/S0040-4039\(98\)01793-6](https://doi.org/10.1016/S0040-4039(98)01793-6).



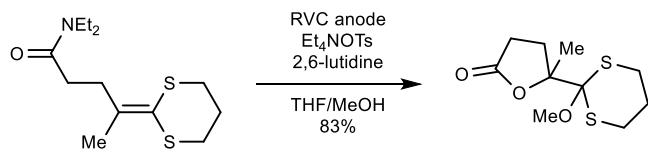
J. Am. Chem. Soc. **1994**, *116* (8), 3347–3356. <https://doi.org/10.1021/ja00087a021>.

Coupling with enol ethers:

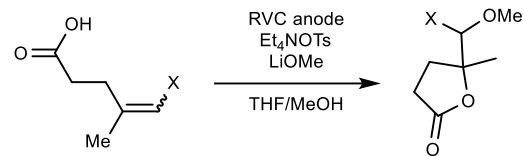
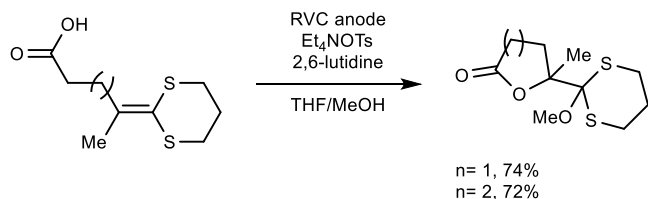


R= Me, n= 1, 96%, 5:1 trans: cis
R= CH₂Ph, n= 1, 95%, 10:1 trans: cis
R= H, n= 2, 80%
R= CH₂Ph, n= 2, 51%
R= H, n= 3, --

Olefin/amide anodic coupling:



Olefin/carboxylic acid anodic coupling:

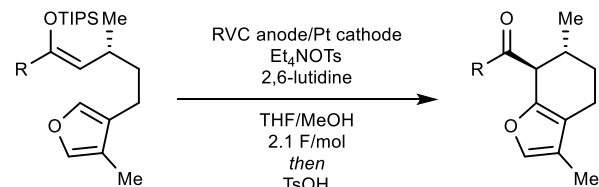
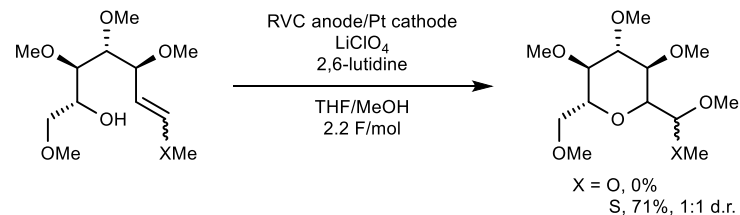
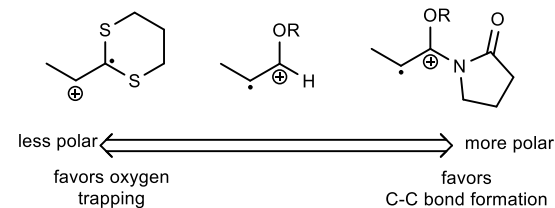


no competing Kolbe-type oxidations were observed

X=SMe, 74%
X=OMe, 66%
X=Ph, 27@ 10F/mol
X= 2,4-diOMeAr, 74% @ 1.0 equiv. LiOMe

Beilstein J. Org. Chem. **2013**, 9 (1), 1630–1636. <https://doi.org/10.3762/bjoc.9.186>.
Tetrahedron **2009**, 65 (52), 10863–10875. <https://doi.org/10.1016/j.tet.2009.09.028>.

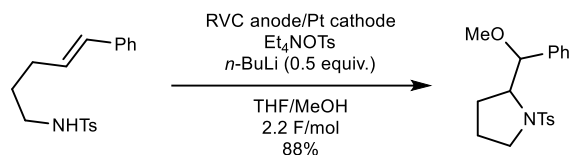
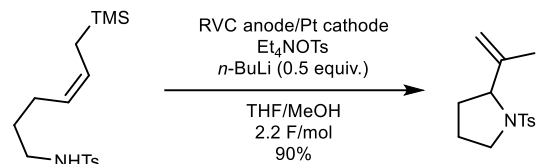
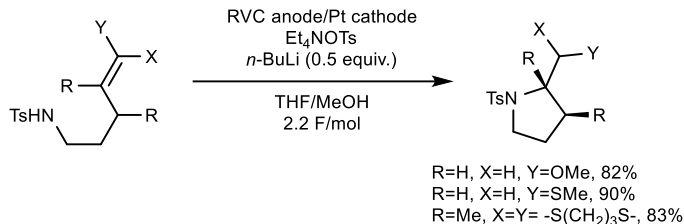
Studying the radical cation character:



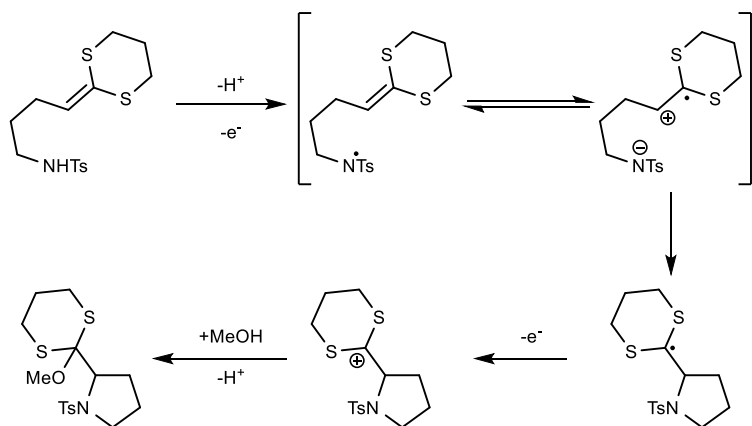
R= H, 30%
= 90 (66% isolated)

Tetrahedron Letters **2002**, 43 (40), 7159–7161. [https://doi.org/10.1016/S0040-4039\(02\)01663-5](https://doi.org/10.1016/S0040-4039(02)01663-5).
Org. Lett. **2001**, 3 (11), 1729–1732. <https://doi.org/10.1021/o1015925d>.

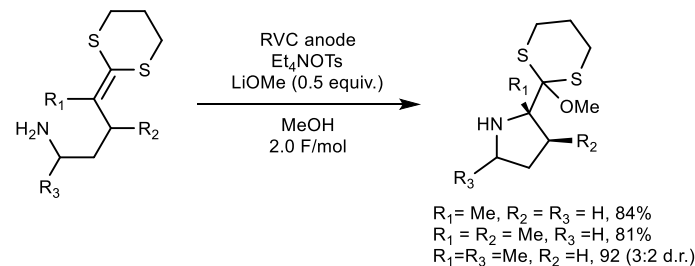
Olefin/amine anodic coupling:



J. Am. Chem. Soc. **2008**, 130 (41), 13542–13543. <https://doi.org/10.1021/ja806259z>.

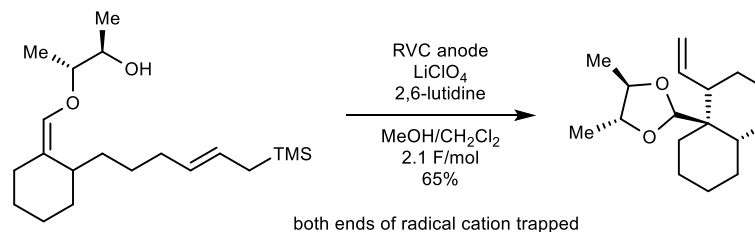
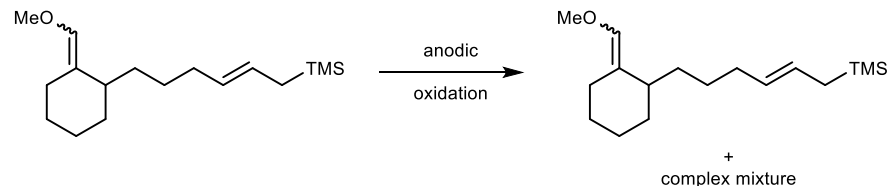


competitor experiments suggest that intermolecular electron transfer occurs



Angew. Chem. Int. Ed. **2013**, 52 (49), 12865–12868. <https://doi.org/10.1002/anie.201308739>.
Angew. Chem. Int. Ed. **2010**, 122 (43), 8176–8179. <https://doi.org/10.1002/ange.201003924>.

Secondary nucleophiles enables scope expansion:



Alternative trapping groups:

