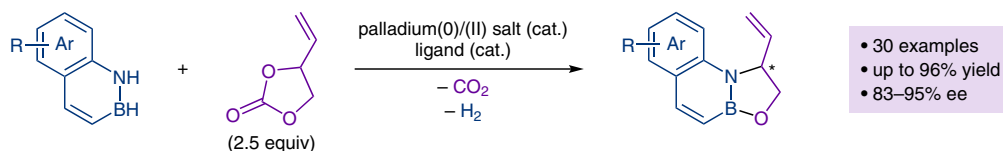
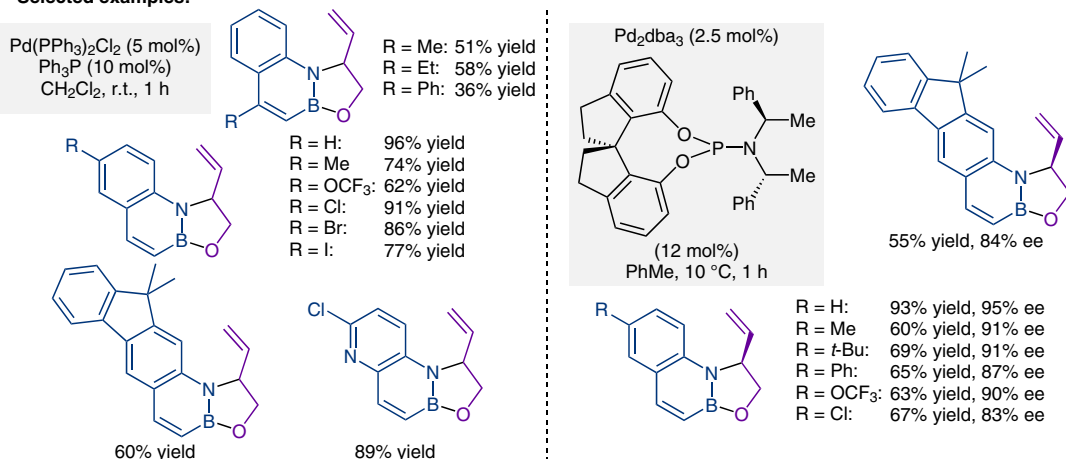


## Access to Oxazaborolidines by Catalytic Cycloaddition of 1,2-Azaborines and Vinyl Ethylene Carbonate

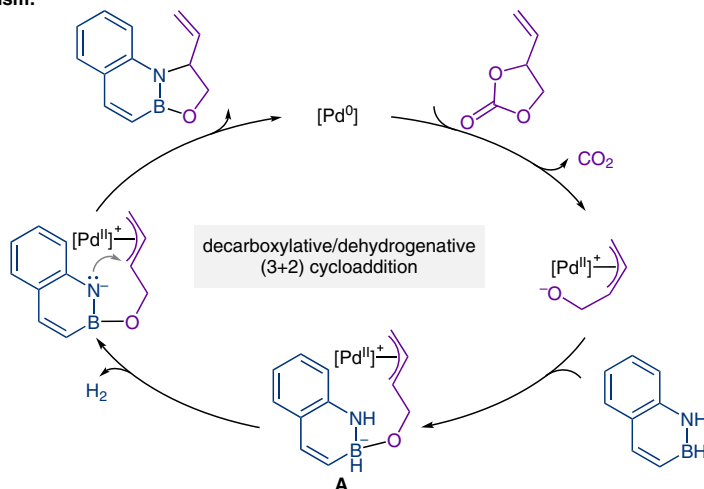


- 30 examples
- up to 96% yield
- 83–95% ee

### Selected examples:



### Proposed mechanism:



**Significance:** A palladium-catalyzed protocol for the (asymmetric) construction of oxazaborolidines is reported. The transformation proceeds through a decarboxylative/dehydrogenative (3+2) cycloaddition of 1,2-azaborines and vinyl ethylene carbonate.

**Comment:** This procedure provides access to polycyclic oxazaborolidines in good yields and excellent enantioselectivities. Mechanistic experiments support the release of molecular  $\text{H}_2$  from the zwitterionic intermediate **A**.