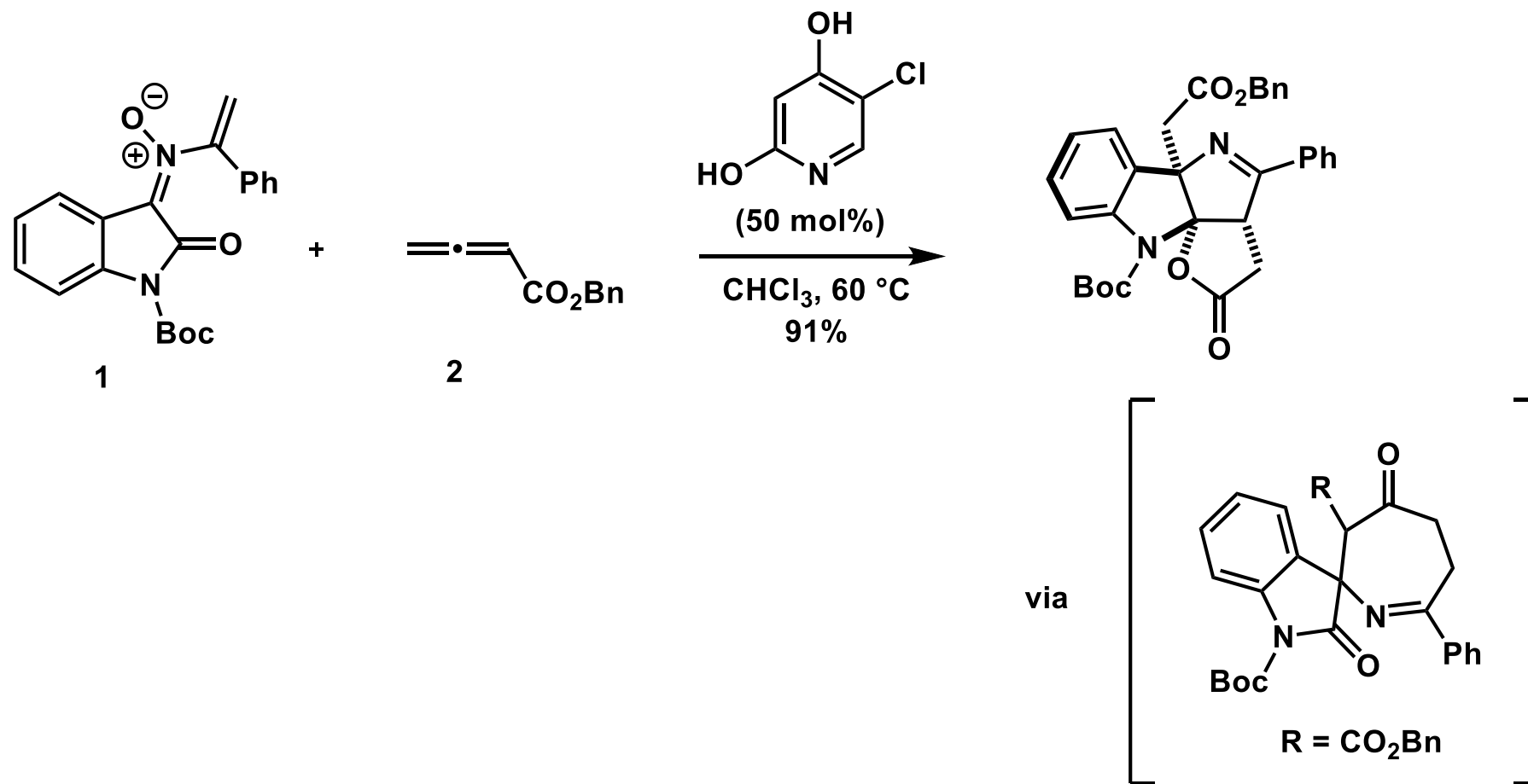
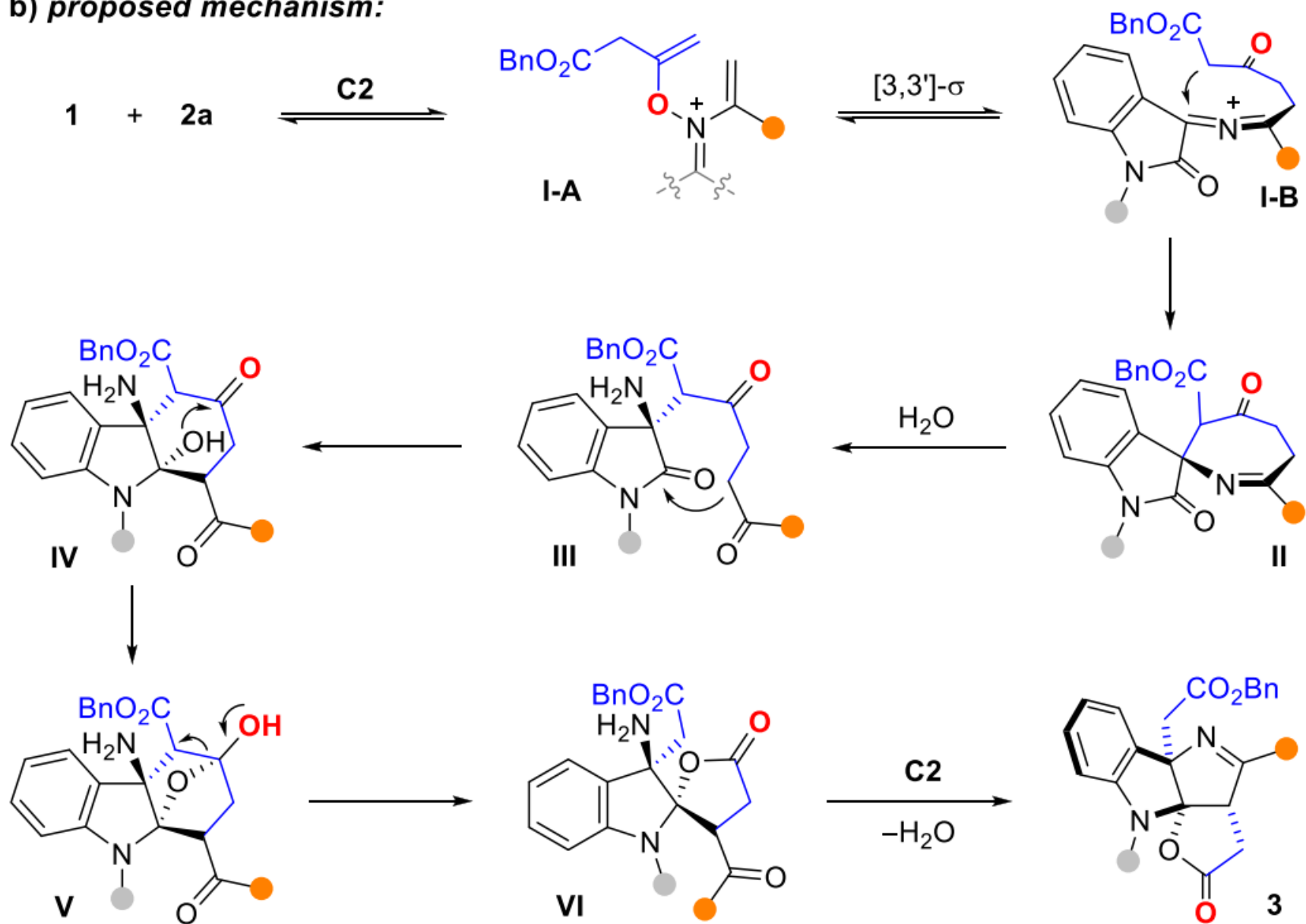


1.

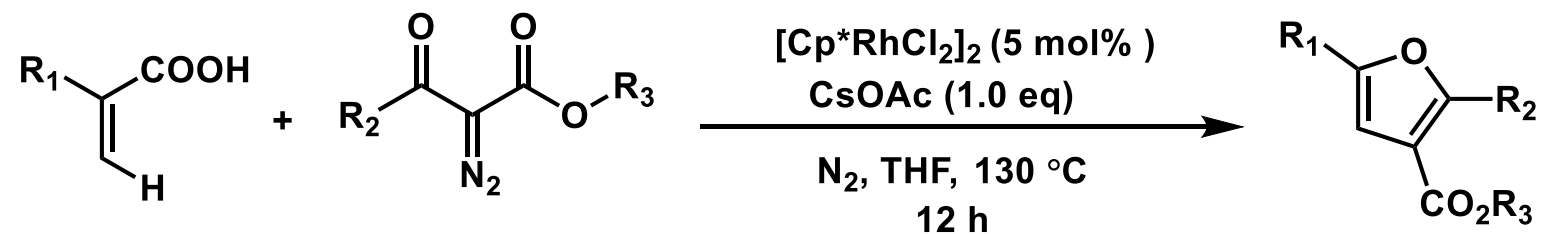


DOI: 10.1021/acs.orglett.2c03349.

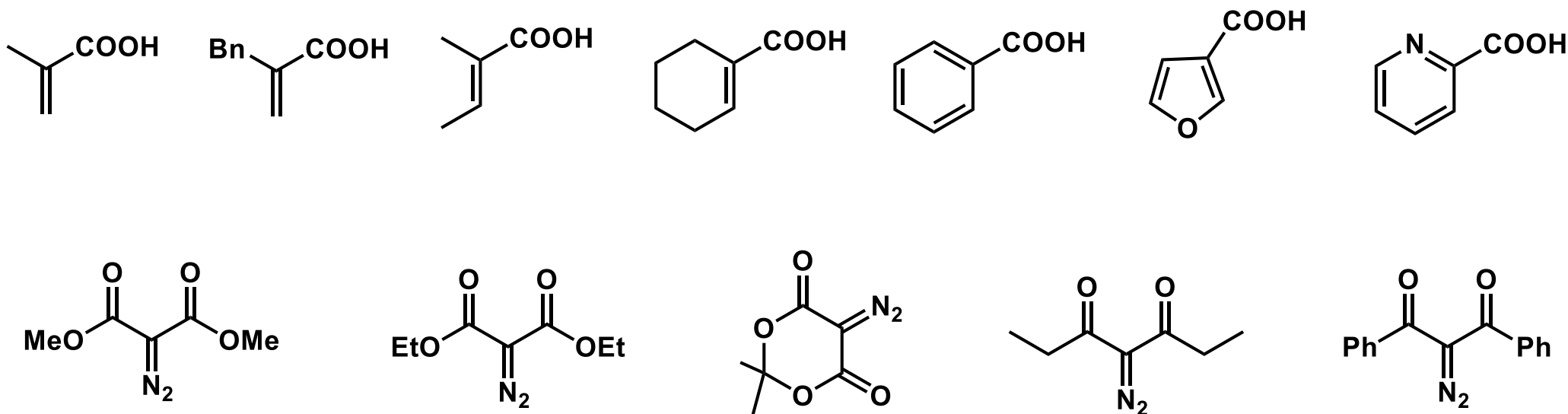
**b) proposed mechanism:**



2.

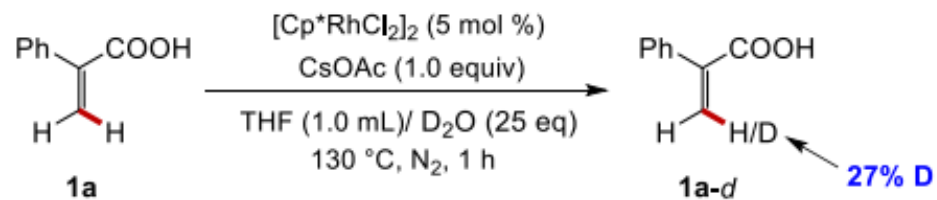


unsuccessful carboxylic acids and diazo compounds

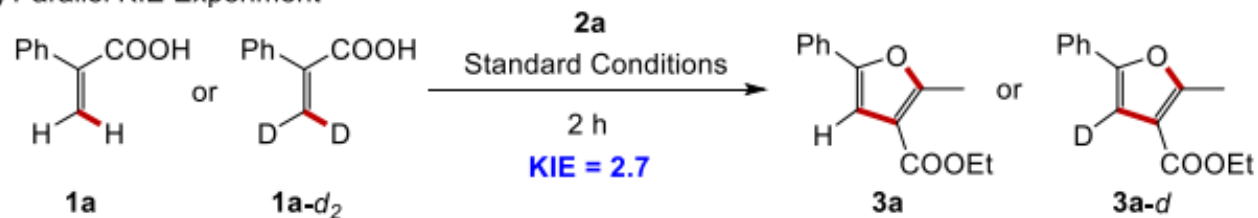


## Scheme 4. Mechanistic Studies

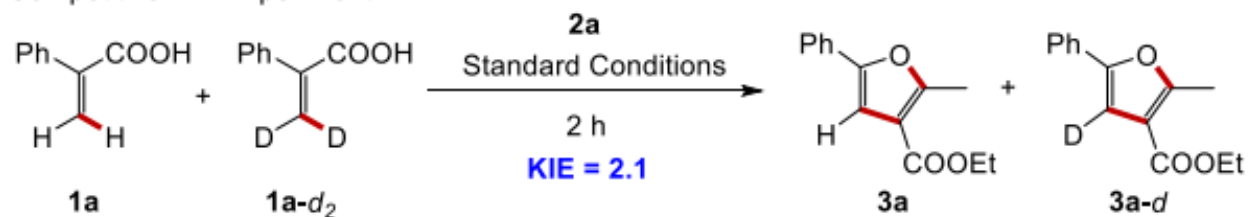
a) H/D Exchange Experiment



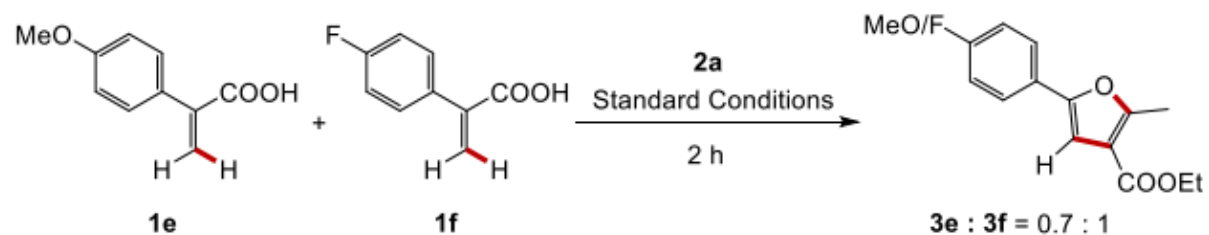
b) Parallel KIE Experiment



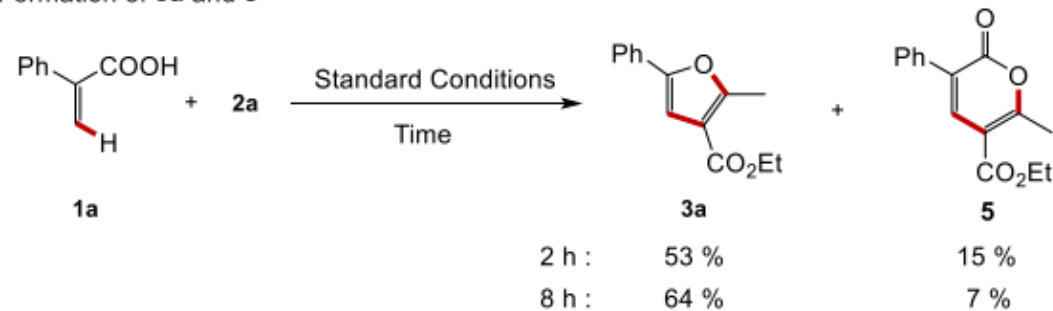
c) Competitive KIE Experiment



d) Intermolecular Competitive Experiment of **1e** and **1f**



e) Formation of **3a** and **5**



f) Conversion from **5** to **3a**

