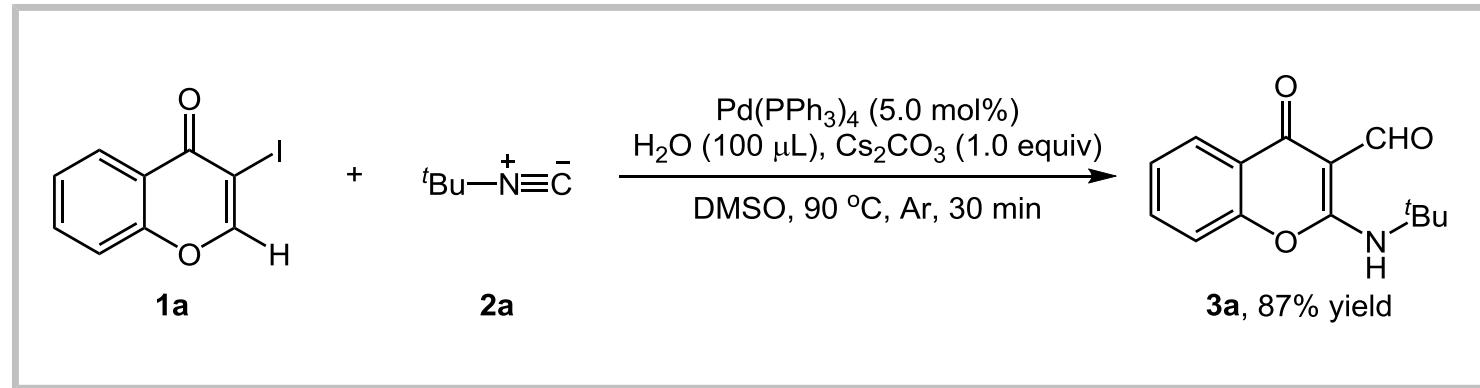




Mechanism Speculation XXX Recommended by Yu-Qing Bai

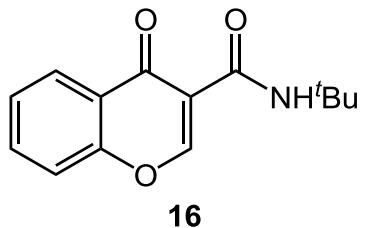
Toward the Generation of 2-Amino-3-Formyl Difunctionalized Chromones via Pd-Enabled Rearrangement Strategy



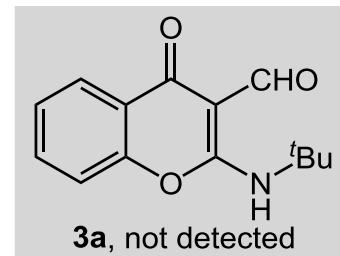
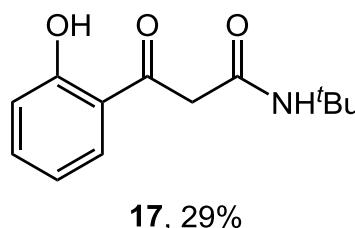
Tong, Q.; Xiu, R.-F.; Chen, J.-H.;
Zhang, Y.; Cui, B.-D.; Wan, N.-W.; Chen, Y.-Z.; Han, W.-Y. *ACS Catal.* **2023**, 13, 12692

Control Experiments

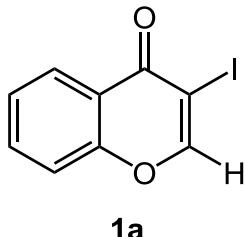
(1)



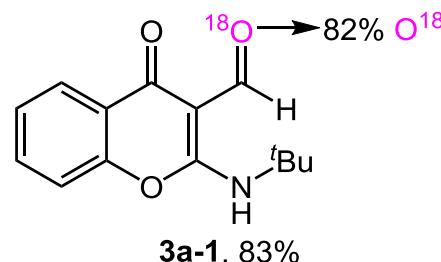
standard conditions



(2)

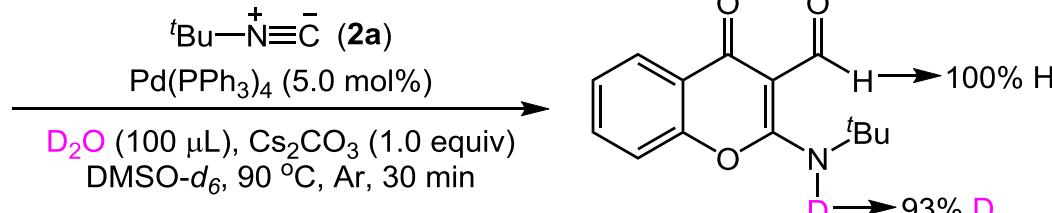
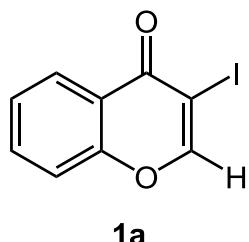


$t\text{Bu}-\overset{+}{\text{N}}\equiv\overset{-}{\text{C}}$ (2a)
 $\text{Pd}(\text{PPh}_3)_4$ (5.0 mol%)
 H_2O^{18} (100 μL), Cs_2CO_3 (1.0 equiv)
DMSO, 90 °C, Ar, 30 min

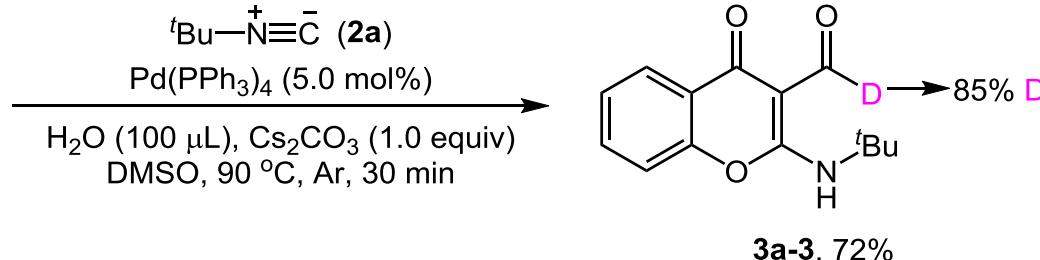
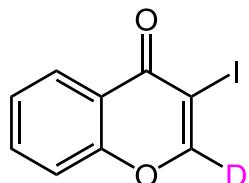


Control Experiments

(3)



(4)



Proposed Mechanism

