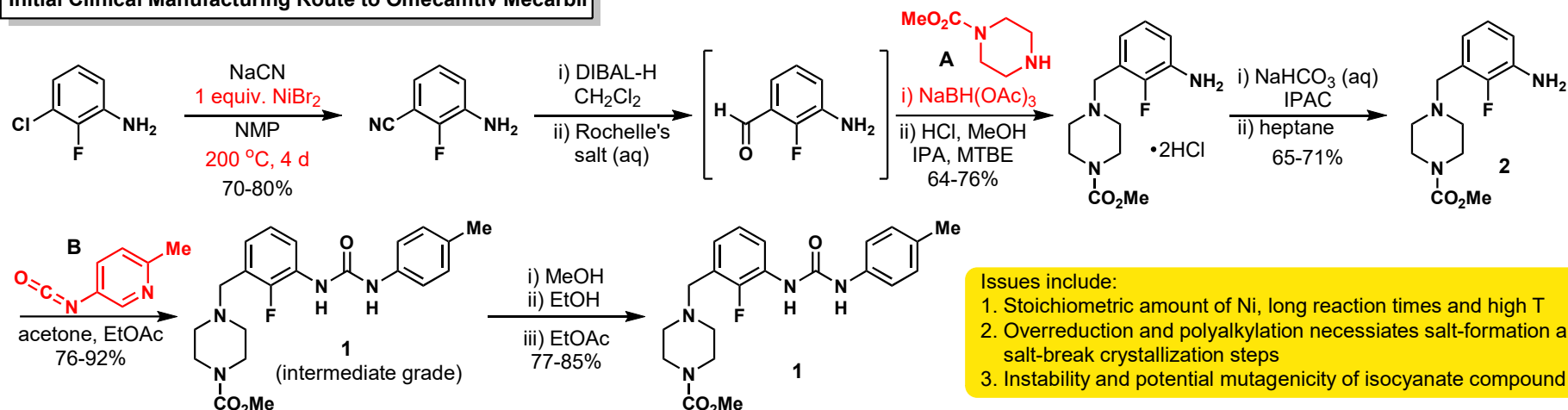


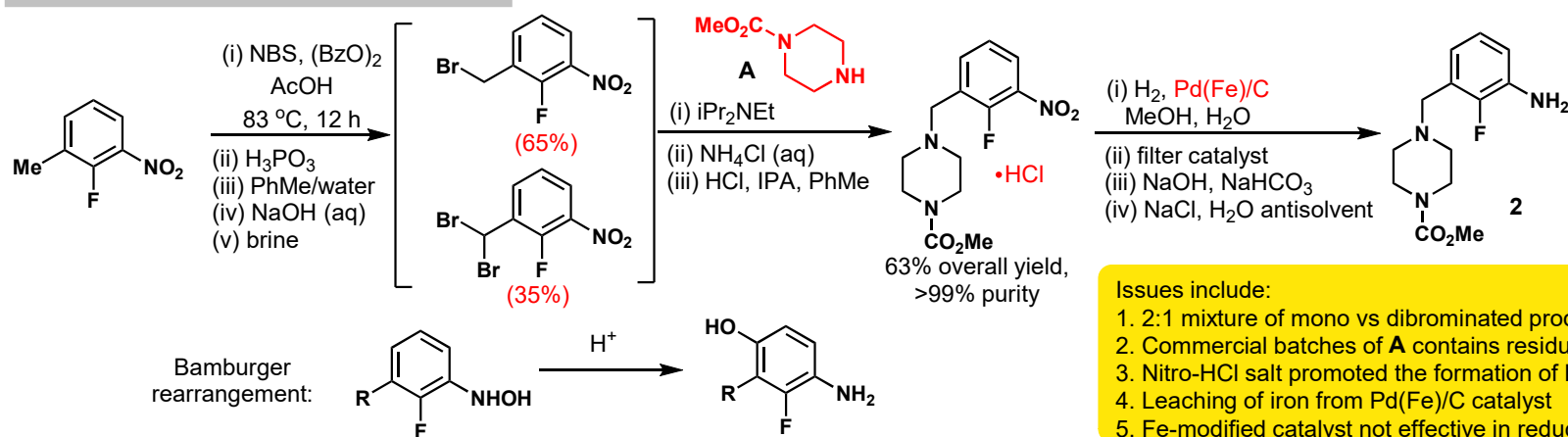
Omecamtiv Mecarbil (1)

- A first-in-class direct activator of cardiac myosin
- Being evaluated as a potential treatment for chronic heart failure
- To support the drug development program including Phase 3 studies, practical access to multihundred-kilogram quantities of **1** were required.

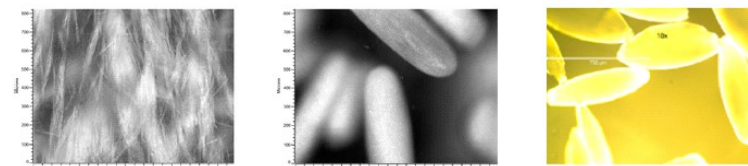
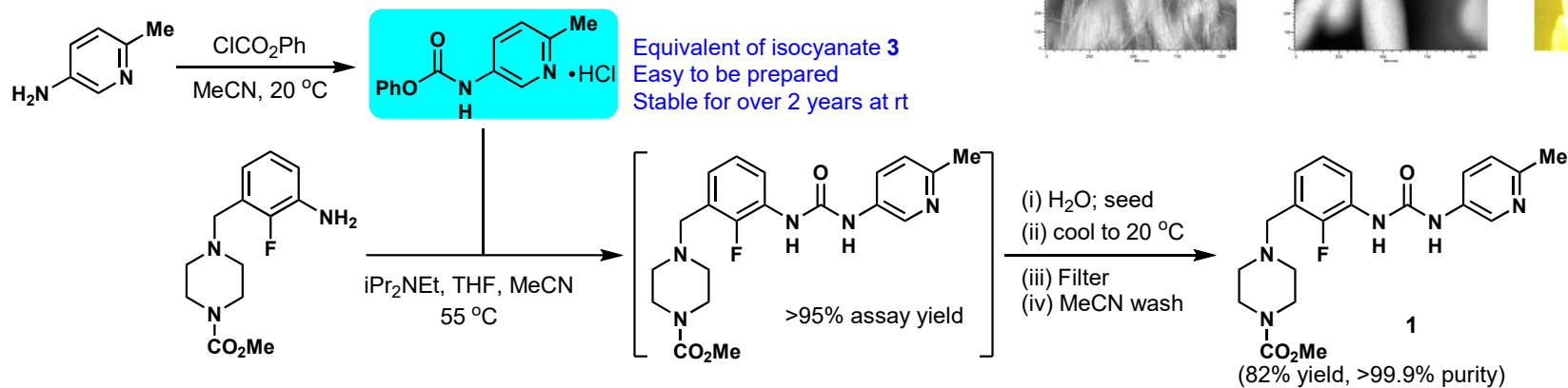
Initial Clinical Manufacturing Route to Omecamtiv Mecarbil



Kilo-lab Process for Aniline Intermediate (2)



Urea Formation and Crystallization of Omecamtiv Mecarbil



Factory Process to Prepare Omecamtiv Mecarbil Dihydrochloride Hydrate

