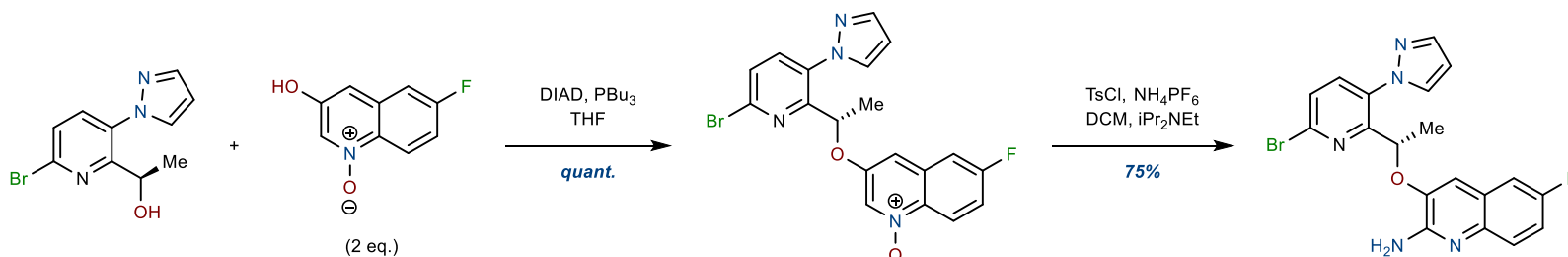
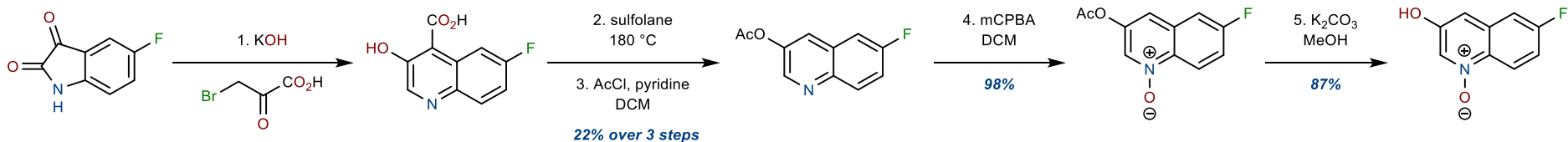
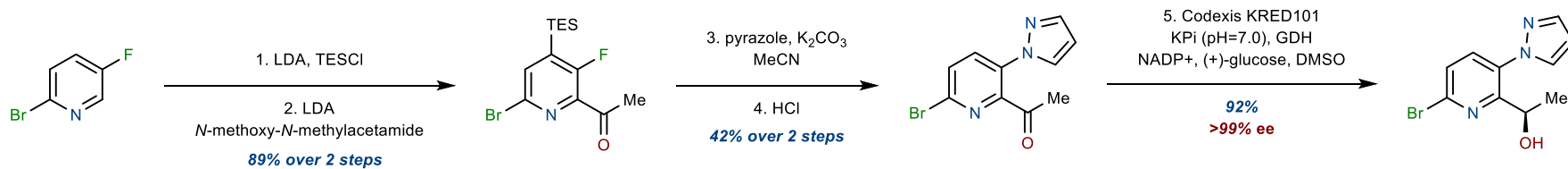
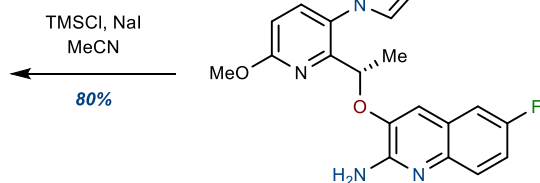
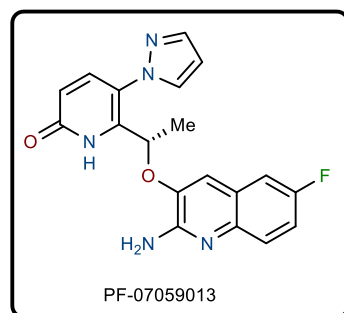


Discovery Route to PF-07059013

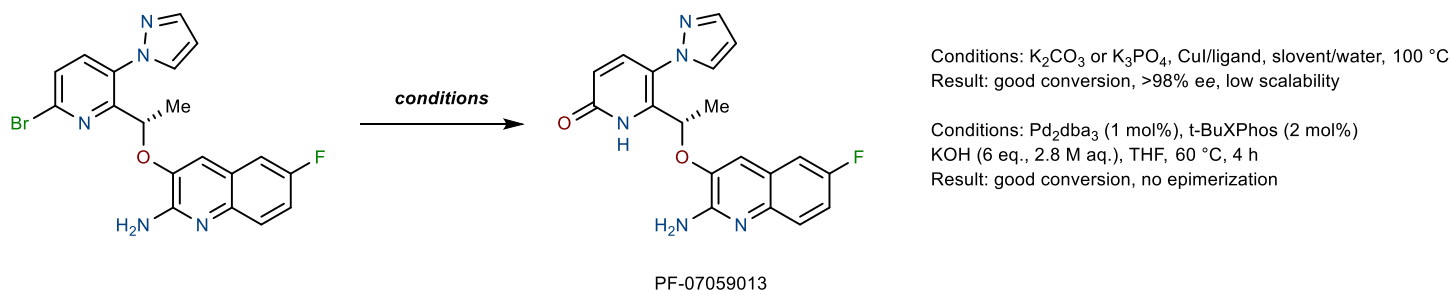
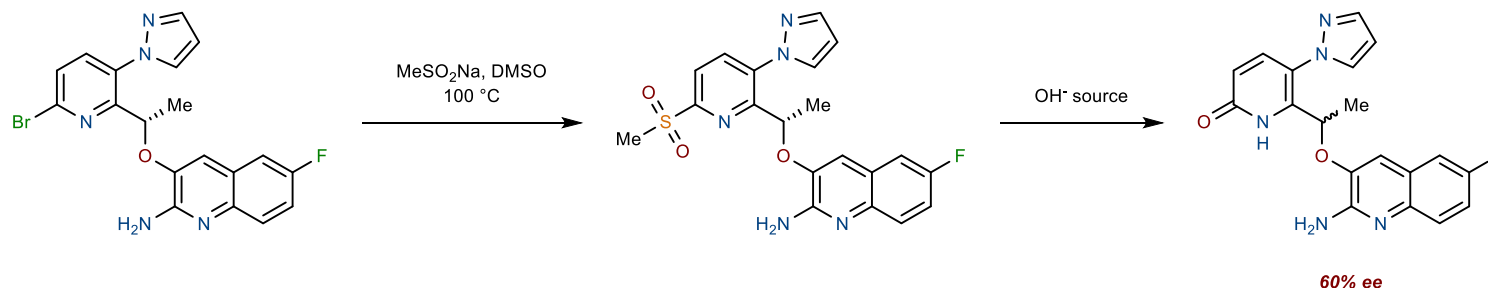
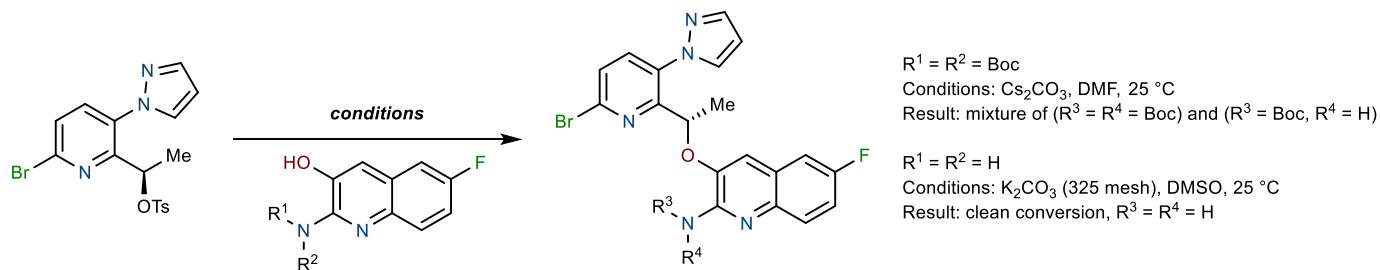


A noncovalent modulator of hemoglobin for treatment of sickle cell disease

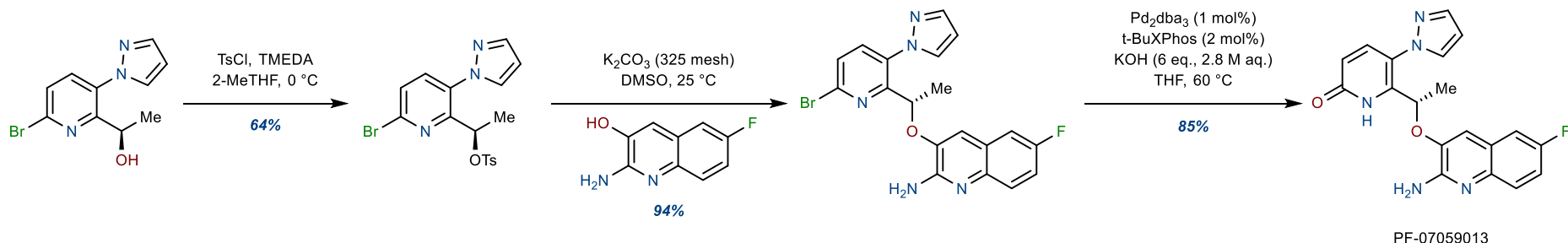


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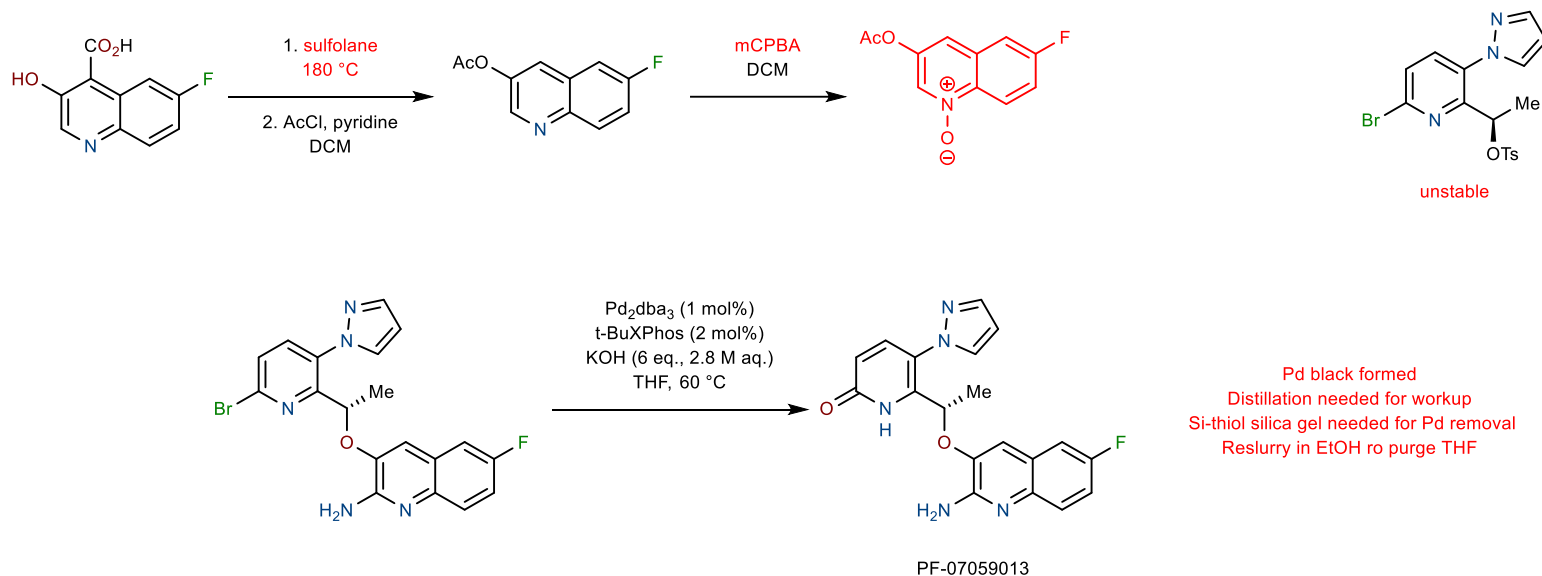
Development of the First-generation Process Route to PF-07059013



First-generation Process Route to PF-07059013



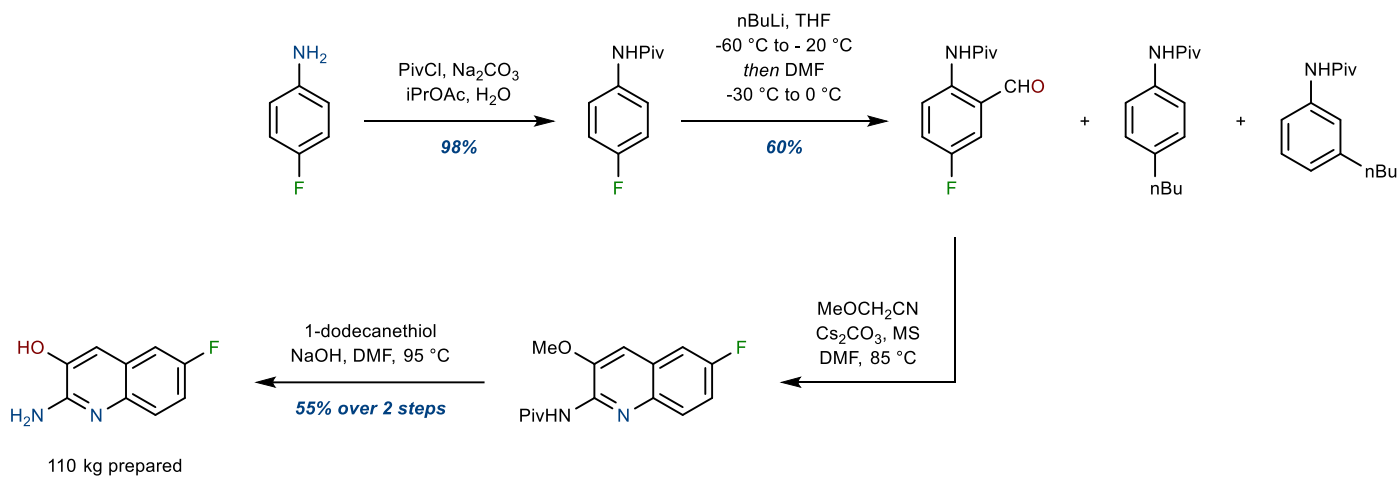
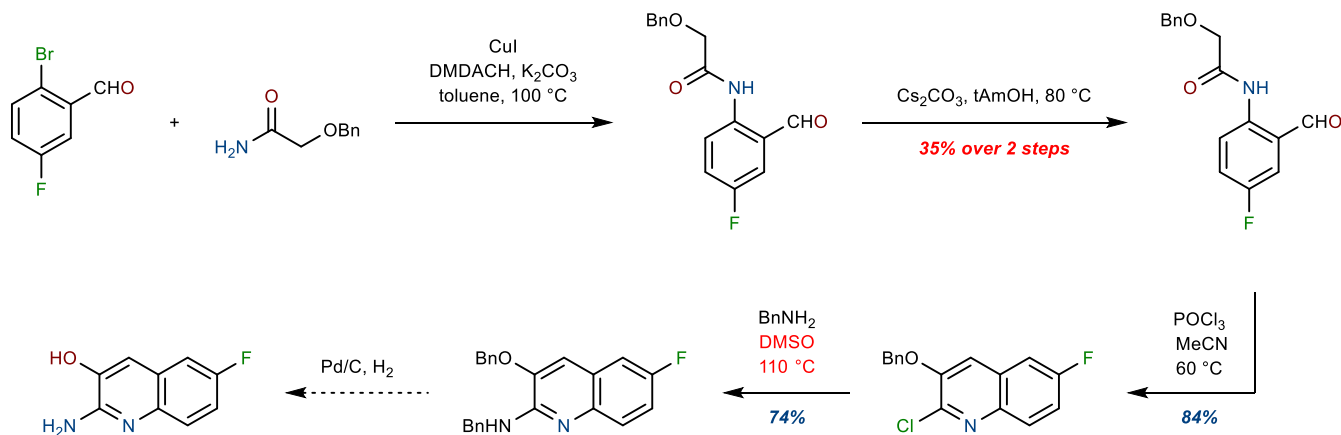
Development of the Second-generation Process Route to PF-07059013



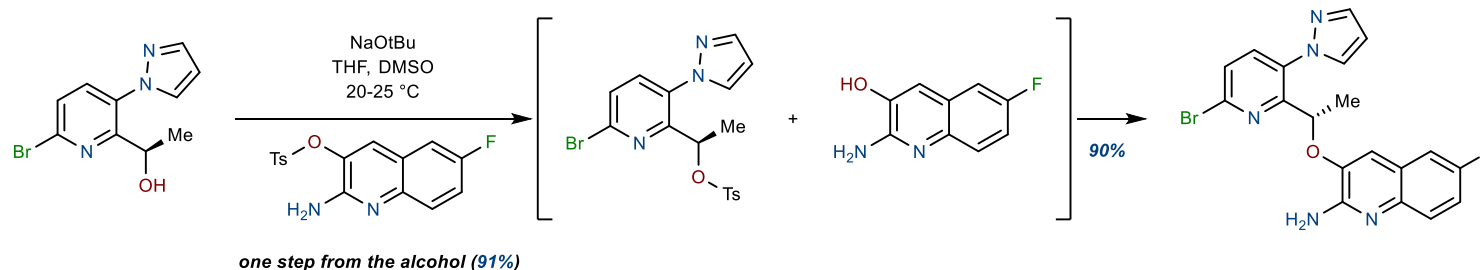
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Development of the Second-generation Process Route to PF-07059013



Development of the Second-generation Process Route to PF-07059013



Not shown here: development of better pre-catalyst for higher stability, efficiency and less Pd residue

Second-generation Process Route to PF-07059013

