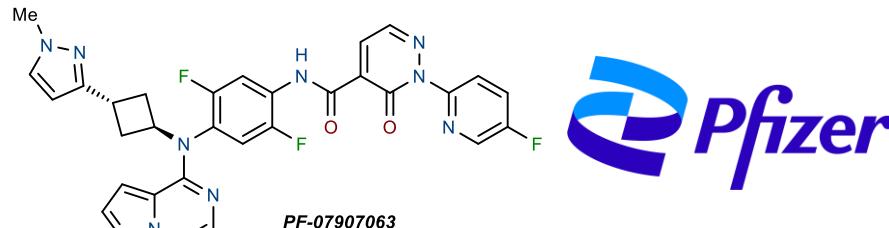
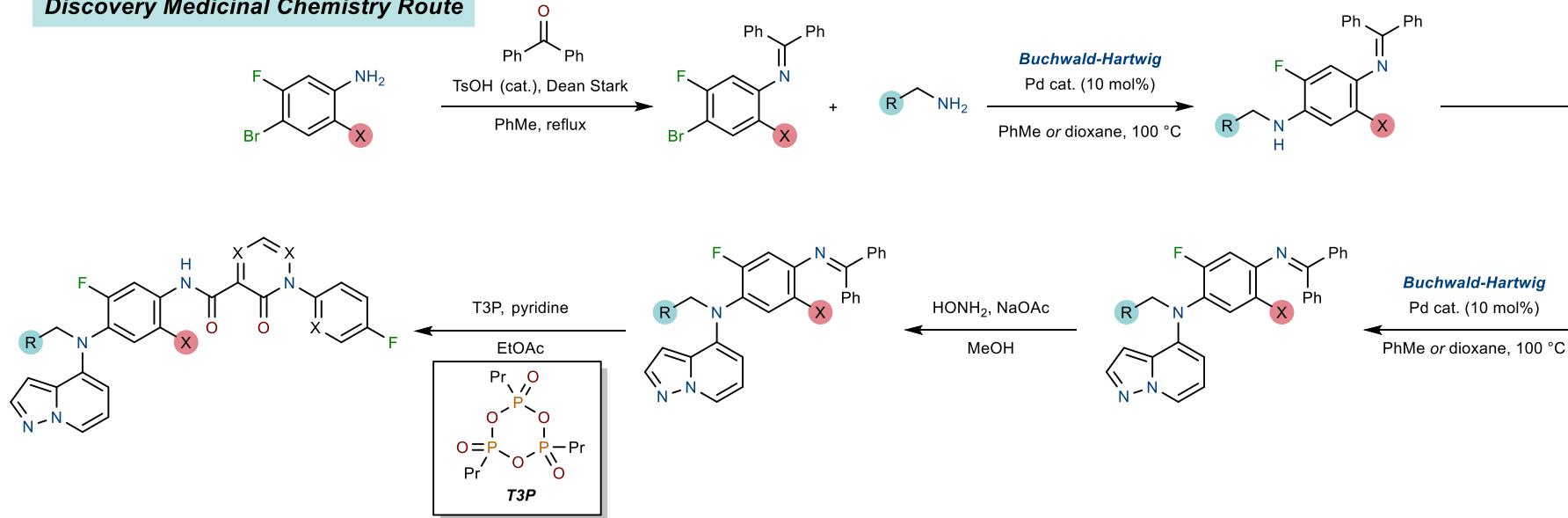


## Background

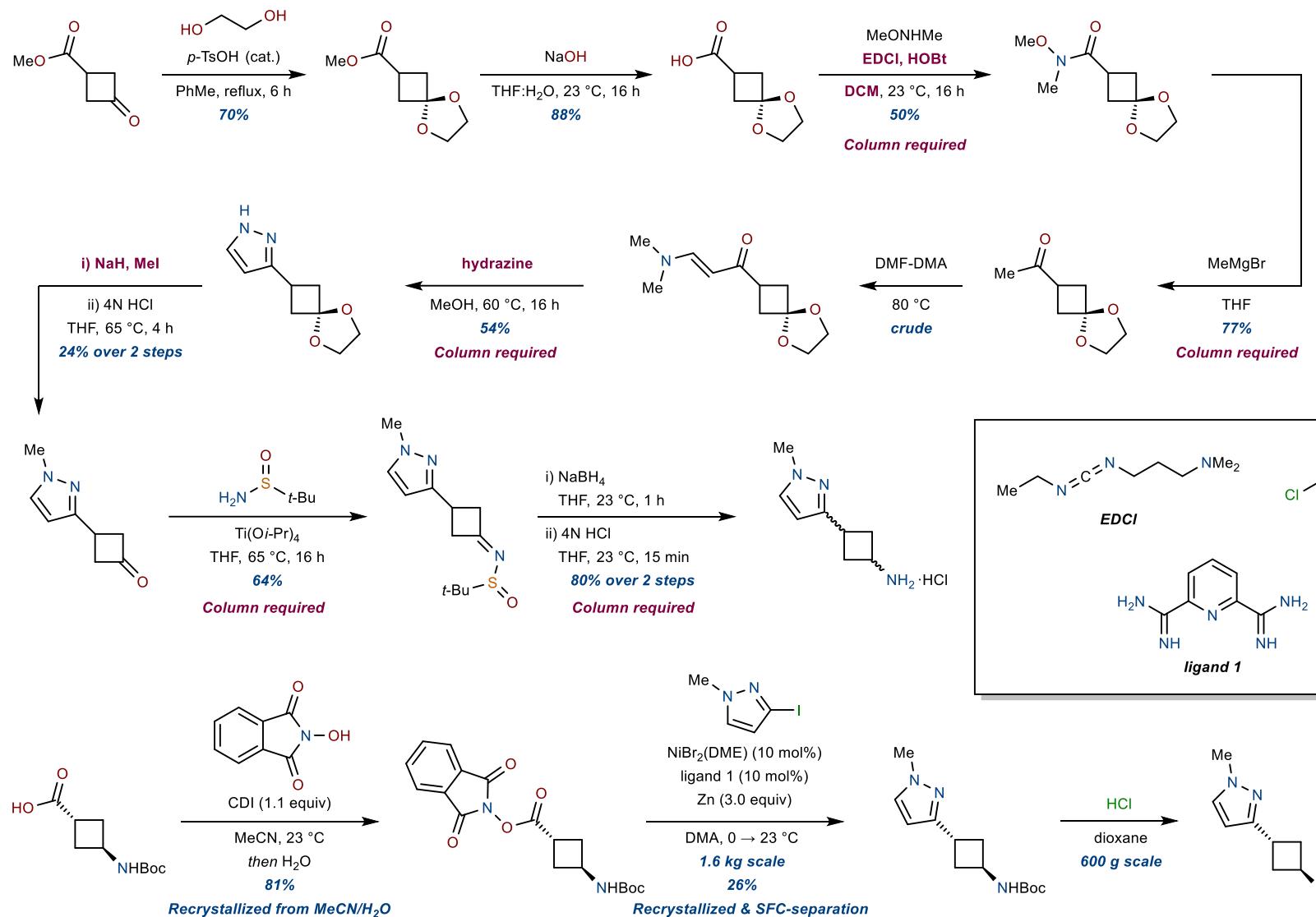
- Mesenchymal-epithelial transition factor (cMET) – receptor tyrosine kinase important for embryogenesis, tissue regeneration, wound healing, etc.
- Aberrant activation of cMET leads to cancers
- Current therapeutics suffer from off-target toxicity and resistance mutations (e.g. crizotinib, cabozantinib, glesatinib, and savolitinib)
- PF-07907063 – a brain penetrant cMET inhibitor that addresses active site mutations & spared cardio-/ocular toxic off-targets

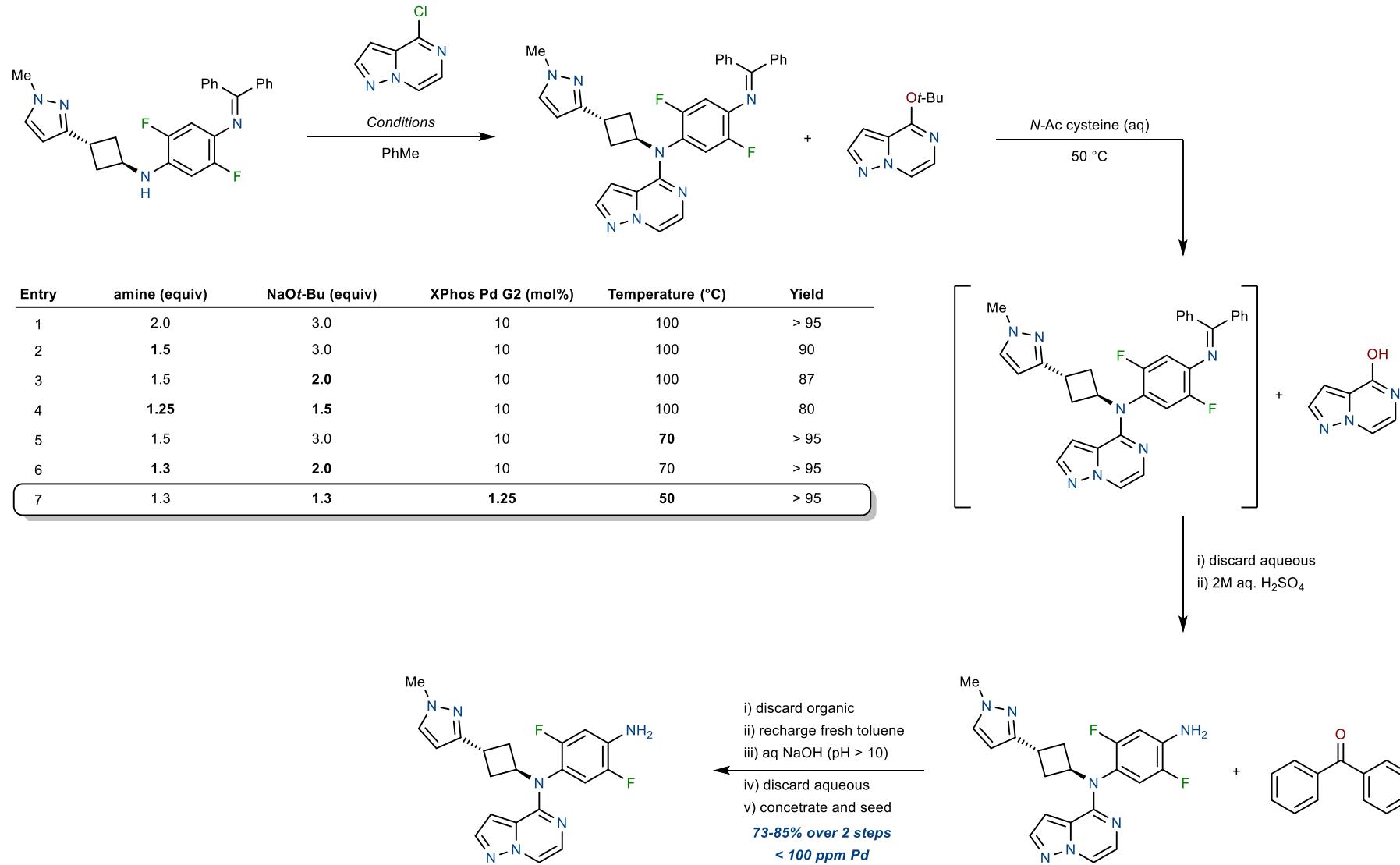


### Discovery Medicinal Chemistry Route

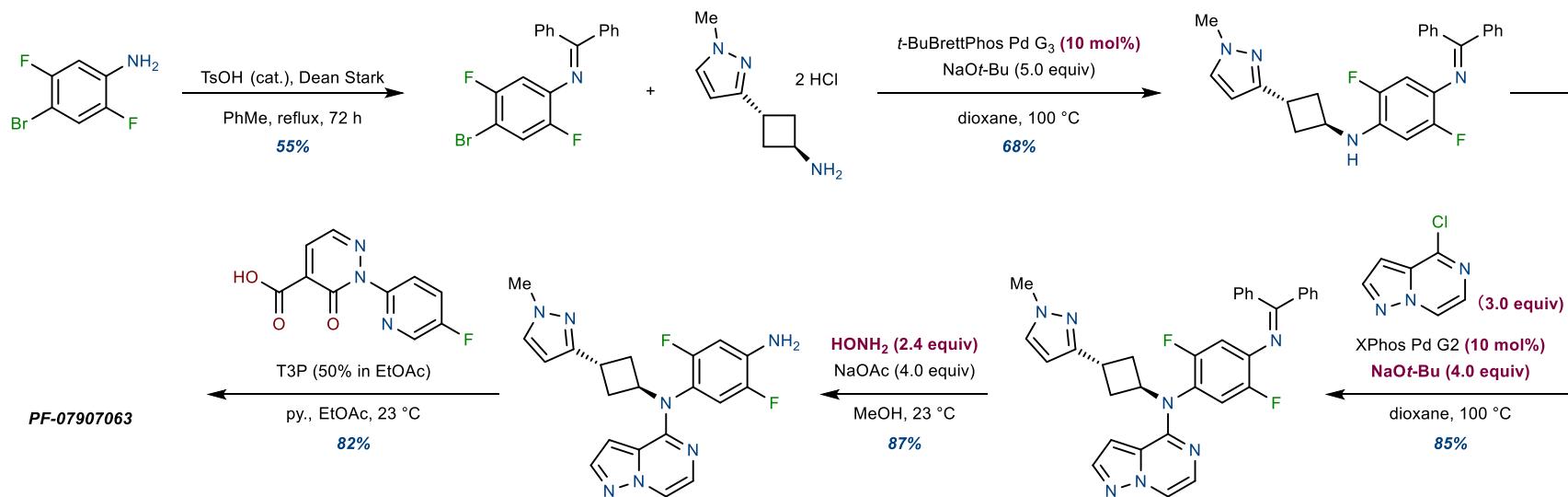


McKenna, G.; Cruz, C.; Simmons, B.; Brewster, J. T. I.; Benz-Weeden, A. M.; Brandt, T. A.; Bumpers, Q. A.; Cook, A.; Elsayed, M. S. A.; Golec, D.; Lewandowski, N.; Nguyen, P.; Pipal, R. W.; Savechenkov, P.; Wong, C. E.; Tarlton, E.; Gaudino, J. J.; Hinklin, R. J.; Tang, T. P. *Org. Process Res. Dev.* **2025**, *29*, 1048–1057. <https://doi.org/10.1021/acs.oprd.4c00441>.

**Synthesis of Cyclobutylamine**



## Medicinal Chemistry Route



## Process Route

