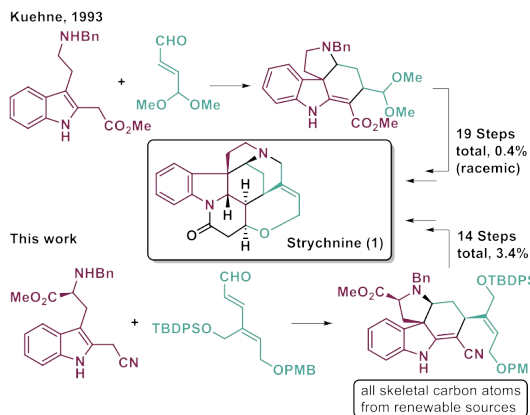
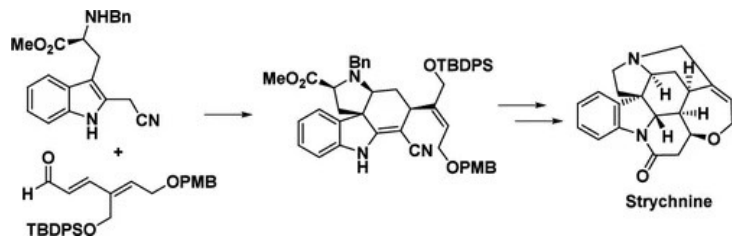
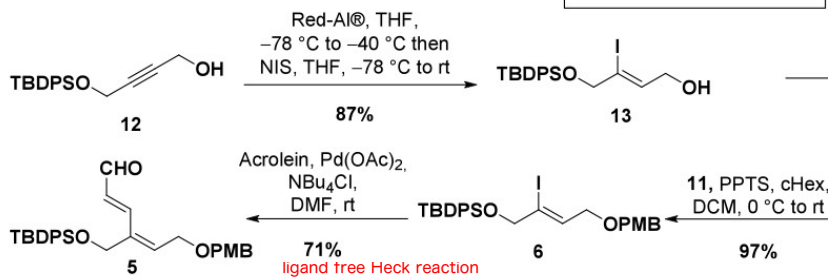
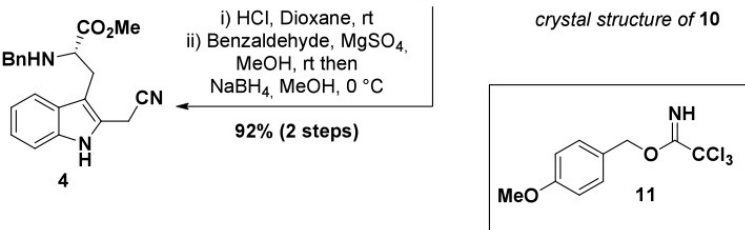
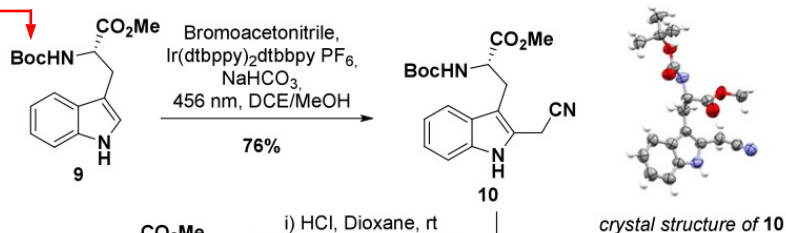


A Total Synthesis of (–)-Strychnine Using Photoredox Catalysis
 Rainer Wiechert, # Leander Geske, # Jasmin Hammes, Dogus Tuncer,
 and Till Opatz*
 JACS Au 2026, 6, 1822–1826.

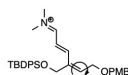
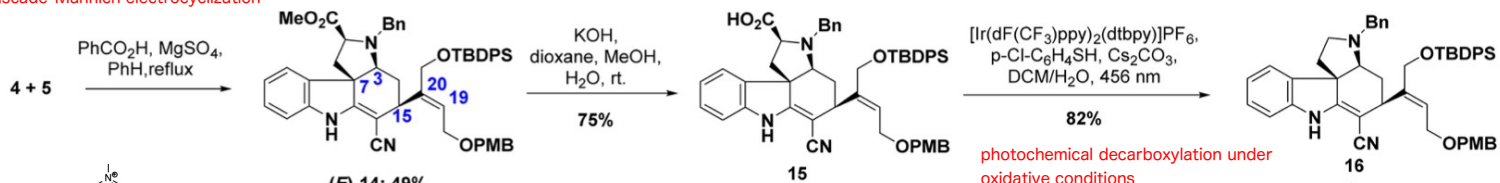


side reactions, catalyst deactivation, and poor yields with Bn group

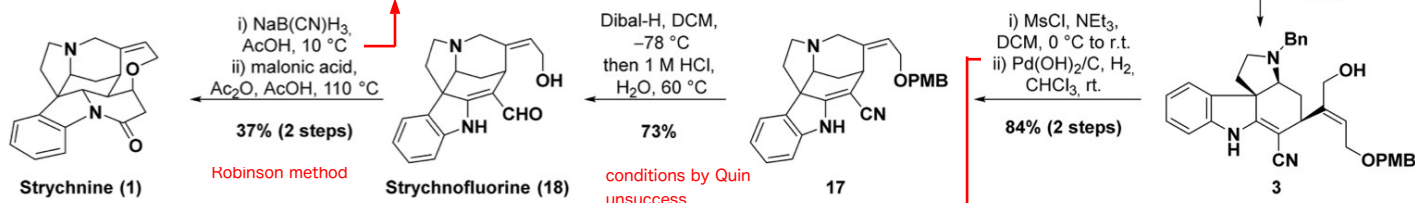
decagram scale with 0.1% catalyst



conditions by Kuehne
 cascade-Mannich electrocyclization



with the diol overreduction product



14 linear steps, 3.4% yield from L-tryptophan

All skeletal atoms of the final product can be traced back to xylochemicals or other renewable resources