Synthesis of Quinocarcin, Stoltz, CalTech, 2008 antitumour antibiotic; related compound in advanced clinical trials as leukemia treatment ОМе ⊕ .Bn N o S-O morpholine ΗŃ ΗŃ $\overset{\oplus}{\text{Bu}_4\text{N}}\overset{\ominus}{\text{Ph}_3\text{SiF}_2}$ BnO OTf CO₂Me TMS OMe MeO OMe N -Bn BnO N-Bn OBn MeO CO₂Me H₂, Pd/C MeO₂C MeO₂C CO₂Me MeO MeO ➤ MeO . ⊕ H N -Bn N -Bn N -Bn N H N ÒBn ÖBn CO₂Me ÒBn CO₂Me CO₂Me Δ, toluene - MeOH CO₂Me CO₂Me MeN ΗŃ OH O ÒМе ÒМе ÇO₂H ÇO₂H Н Ā Li MeN MeN NH_3 ÓМе ÓМе