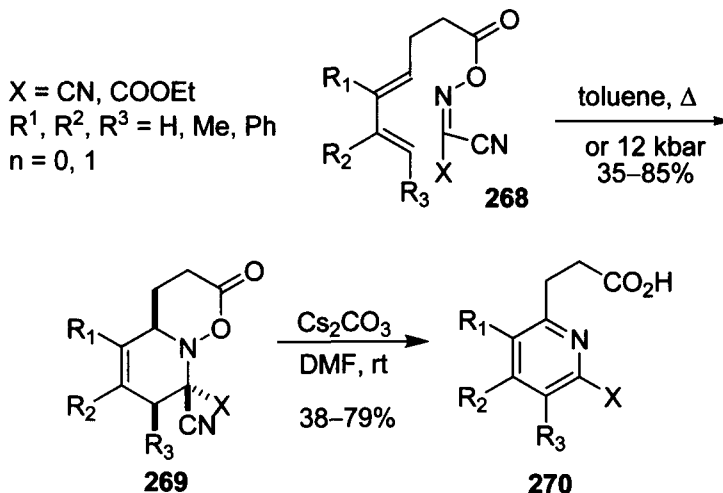


Weinreb¹⁶³ reported the intramolecular Diels–Alder reaction of oximino malonates tethered to a diene **268** under high dilution conditions. The cycloaddition adduct **269** underwent double eliminations with cesium carbonate to afford the pyridine **270**.



[2+2+2]-Cycloaddition reactions

Transition metal-catalyzed [2 + 2 + 2]-cycloaddition reaction of two alkynes with a nitrile is an atom-economical and powerful method to synthesize versatile and highly substituted pyridines.¹⁶⁴