

## ABSTRACT

Reactions between dihydropyran and 1 equivalent of organolithium reagents resulted in lithiation at alpha position. Organolithium reagents behaved as bases abstracted acidic hydrogen. When more than 1 equivalent of organolithium reagents were used, the reaction was found to give a dihydropyran ring opened trans-olefinic alcohol. Mechanism of this reaction was suggested to be lithiation-addition-elimination