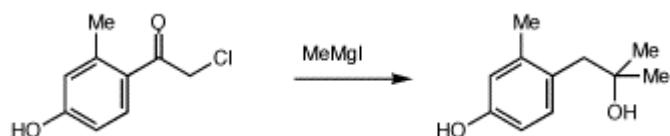


## Problems

July 14<sup>th</sup> 2009

1. Bohleman and Kapteyn treated the ketone with MeMgI and obtained an unexpected product, account for the formation of this product.



2. Please provide a mechanism for the following transformation and provide a rationale for the observed selectivity.

