

ABSTRACT

The present invention provides a process in which a ketone is directly reacted with an aromatic compound in a single reaction step to obtain the corresponding alkylated aromatic compound in a higher
5 yield. By reacting an aromatic compound with a ketone and hydrogen in the presence of a solid acid substance and a catalyst composition containing Cu and Zn in a ratio of Zn to Cu ranging from 0.70 to 1.60 (atomic ratio), the corresponding alkylated aromatic compound is prepared.