

ABSTRACT

The present invention provides an industrially practical process where a ketone and an aromatic compound are directly reacted to obtain a corresponding alkylated aromatic compound in a single reaction step. The process for producing an alkylated aromatic compound is characterized in that it comprises reacting an aromatic compound, a ketone and hydrogen in the presence of a solid acid substance and a catalyst composition comprising at least one metal selected from the group consisting of Co, Re, Ni and a platinum group metal.