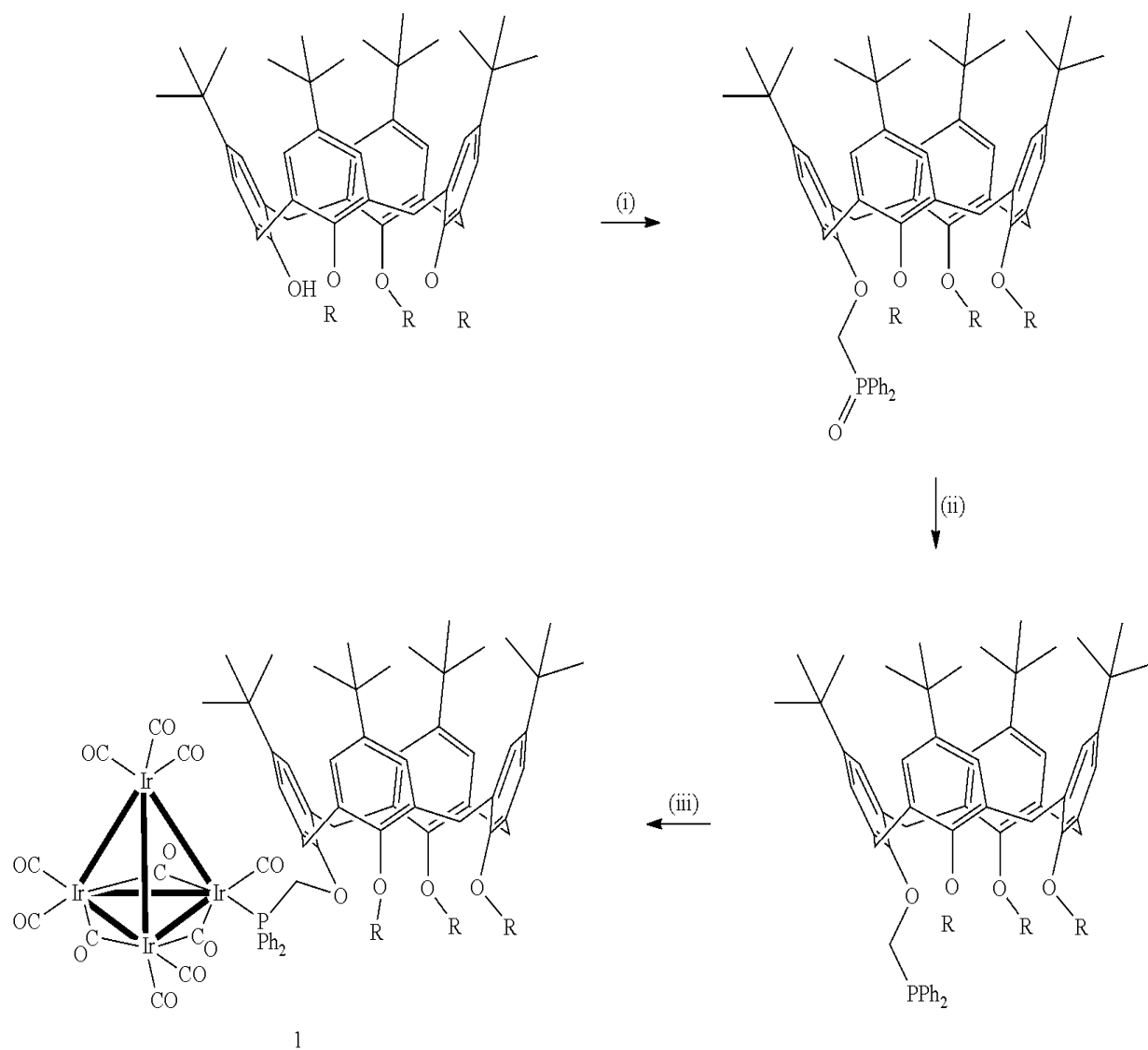


Scheme 2:



(i) $\text{Ph}_2(\text{O})\text{CH}_2\text{OTs}$, NaH, THF/DMF, (ii) PhSiH_3 , toluene, (iii) $[\text{Ir}_4(\text{CO})_{11}\text{Br}]\text{Bu}_4\text{N}$, CH_2Cl_2 ($\text{R} = \text{C}_3\text{H}_7$)