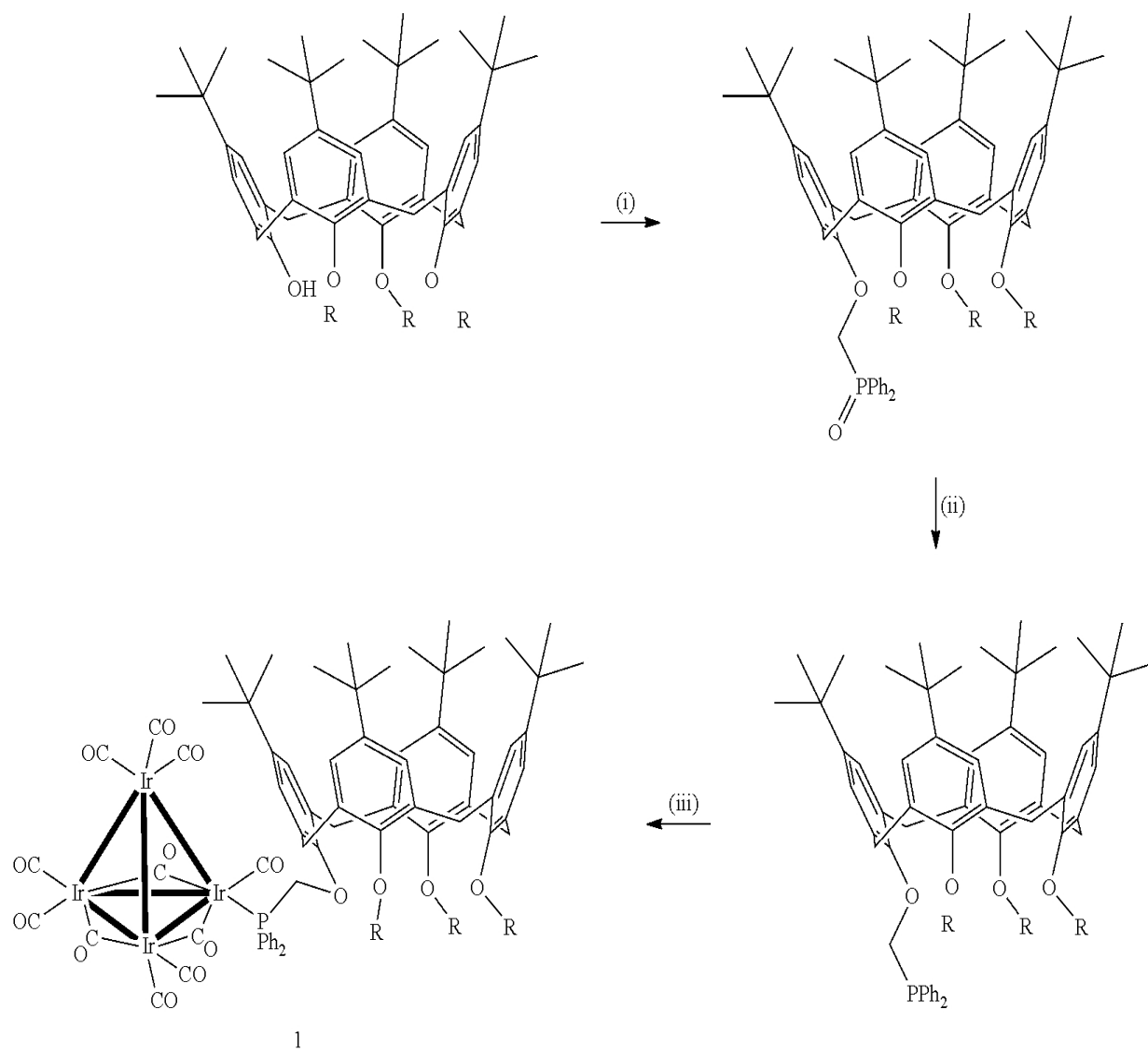


Scheme 2:



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