

# Immobilization and Characterization of $\text{RuCl}_2(\text{PPh}_3)_3$ on mesoporous Silica SBA-3

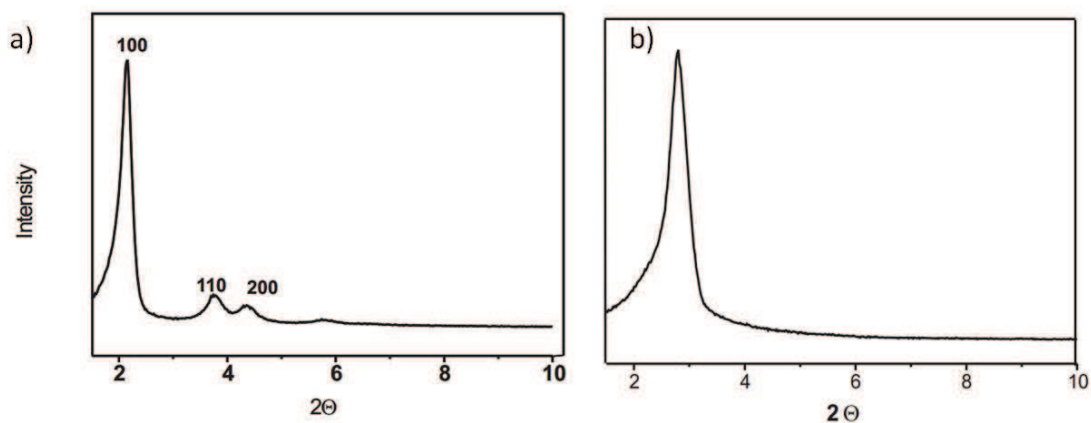
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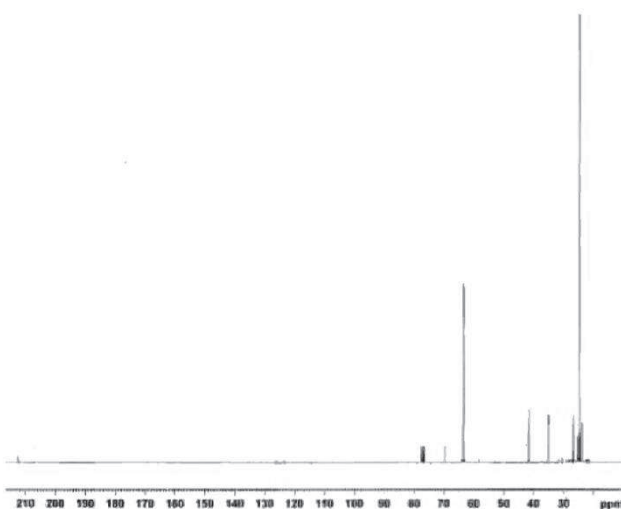
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**Fig. S1:** Comparison of the XRD spectra of the (a) neat SBA-3 and (b) APTES functionalized SBA-3.



**Fig. S2:**  $^{13}\text{C}$  NMR (CDCl<sub>3</sub>) spectrum of the reaction mixture after hydrogenation with the immobilized ruthenium catalyst  $\text{RuCl}_2(\text{PPh}_3)_x@\text{SiO}_2$  showing the signal pattern of the substrate cyclohexanone and the product cyclohexanol.