Acceptor-free dehydrogenation of 4-hydroxy-3-methoxybenzyl alcohol to vanillin

over palladium complex

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Fig. S1† Nitrogen sorption isotherm of SBA-15, B, Catalyst LnPd
Fig. S2† Pore-size distribution of SBA-15, B, Catalyst LnPd
Fig. S3† Thermograms in nitrogen atmosphere of B
Fig. S4† Thermograms in nitrogen atmosphere of catalyst LnPd
Fig. S5† IR spectra of catalyst LnPd and the recycled catalyst LnPd.
Fig. S6† UV-vis absorption spectra of catalyst LnPd and the recycled catalyst LnPd
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