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**Selective hydrogenation of phenol to cyclohexanone in water over Pd@N-doped
carbons derived from ZIF-67: role of dicyandiamide**

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Supporting information available.

Graphical abstract

Highly efficient Pd@CN catalysts for selective hydrogenation of phenol to
cyclohexanone in water were successfully fabricated by loading Pd nanoparticles (NPs) in N-
doped carbons (CN) derived from ZIF-67 with dicyandiamide (DICY) as the additional
nitrogen source.

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