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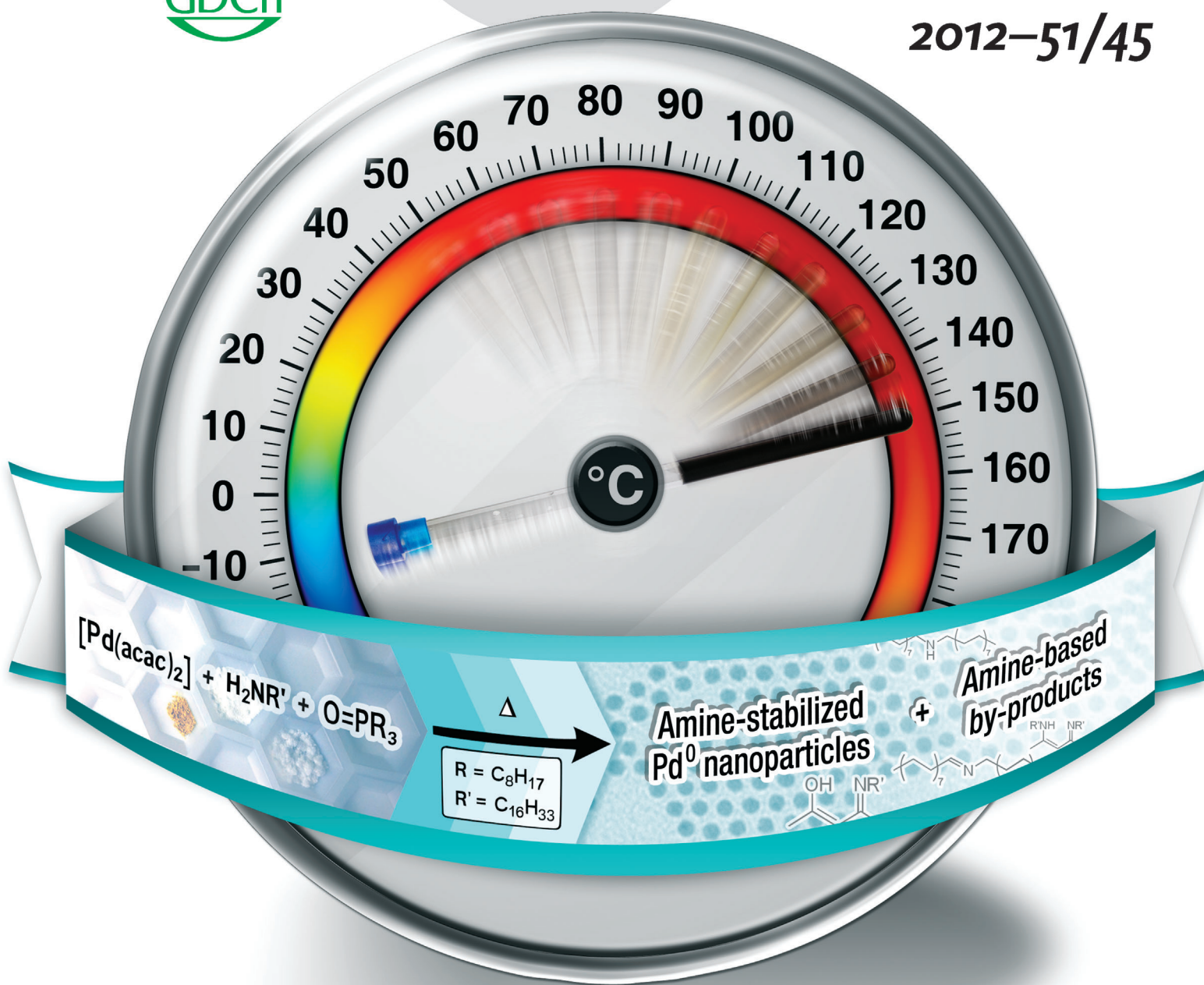
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Monodisperse palladium nanoparticles ...

... can be produced at lower temperature in the presence of a Lewis base via Pd amido and hydride intermediates. In their Communication on page 11350 ff., M. O. Wolf et al. use NMR studies to elucidate the mechanism of formation of amine-capped Pd nanoparticles from $[\text{Pd}(\text{acac})_2]$. Lewis bases increase the nucleophilicity of the amine to enhance the formation of a ketamine by-product, thus resulting in more facile formation of reactive intermediates and nanoparticles.

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