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# Bifunctional Role of Pd/MMT-K 10 Catalyst in Direct Transformation of Furfural to 1,2-Pentanediol

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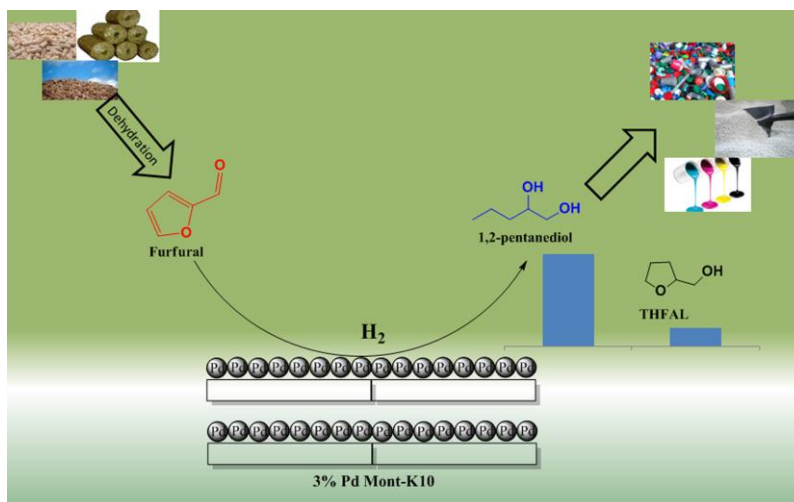
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