

Article

# Enzyme mimetic activity of ZnO-Pd nanosheets synthesized via green route

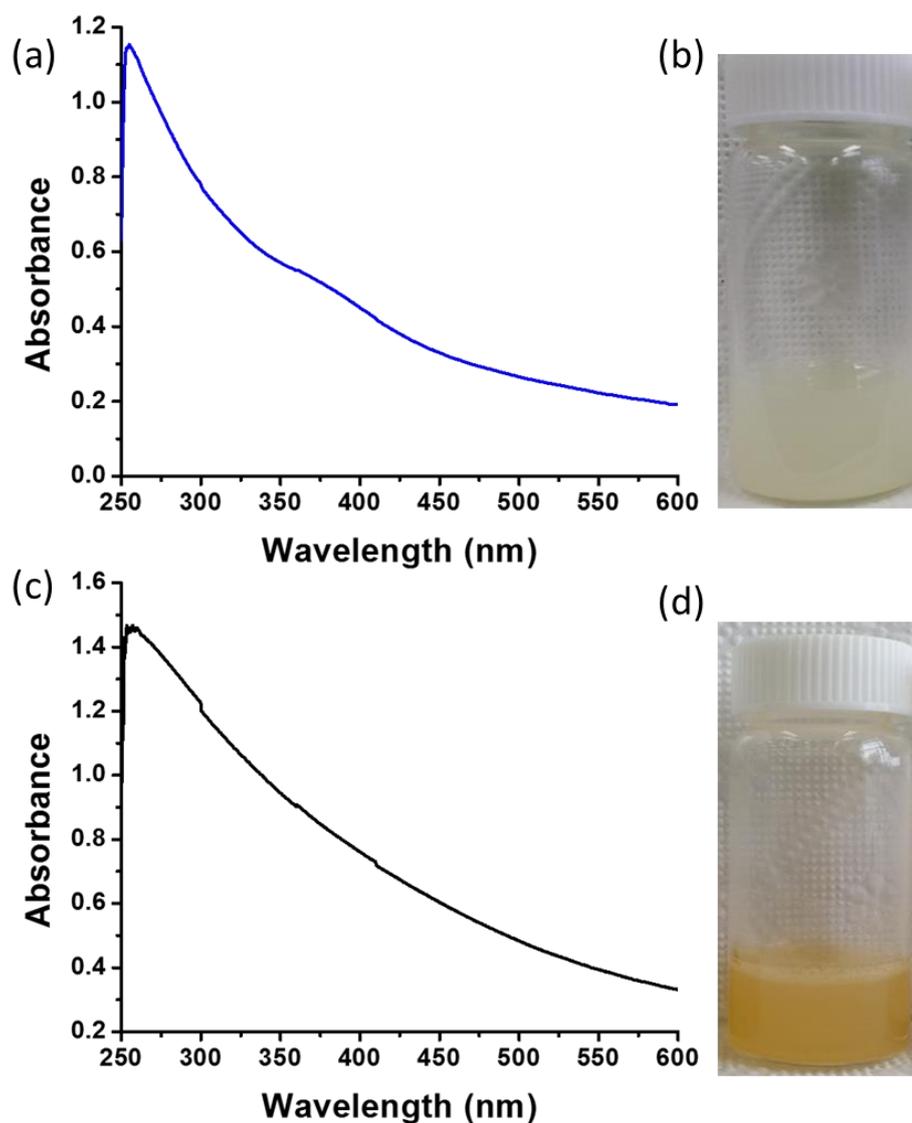
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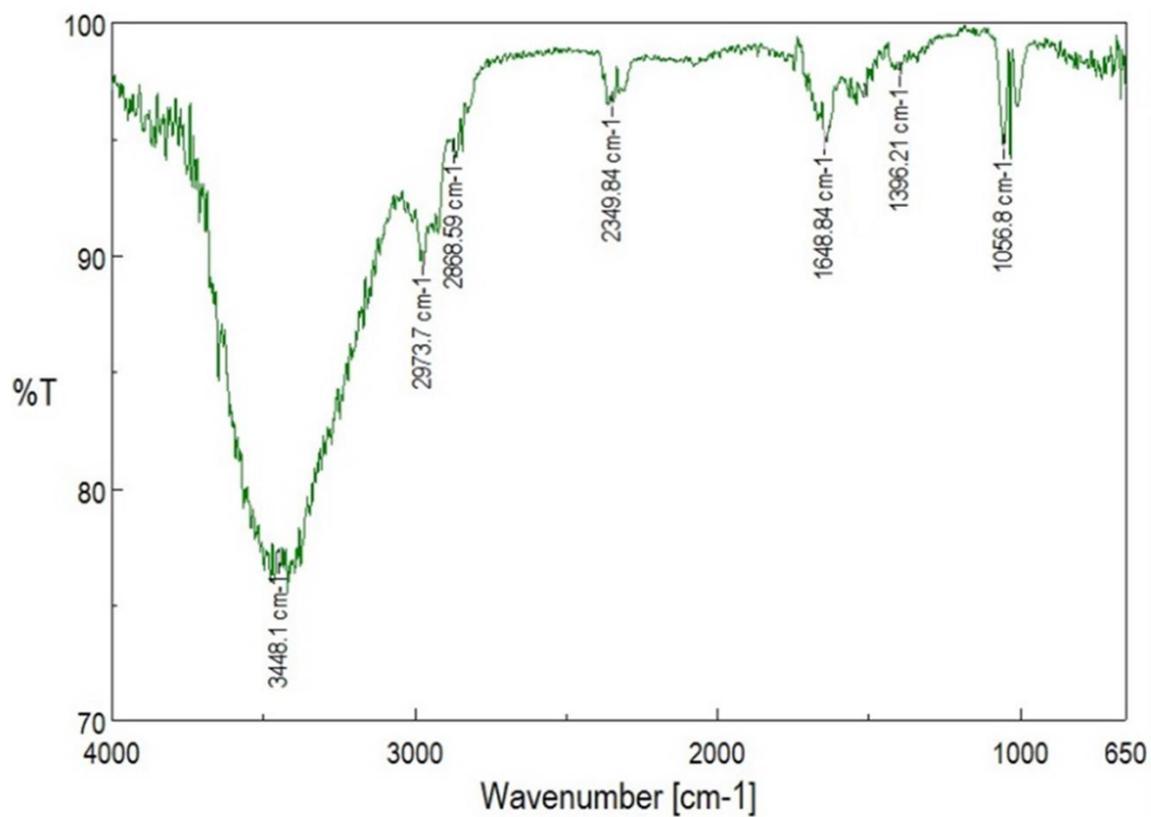
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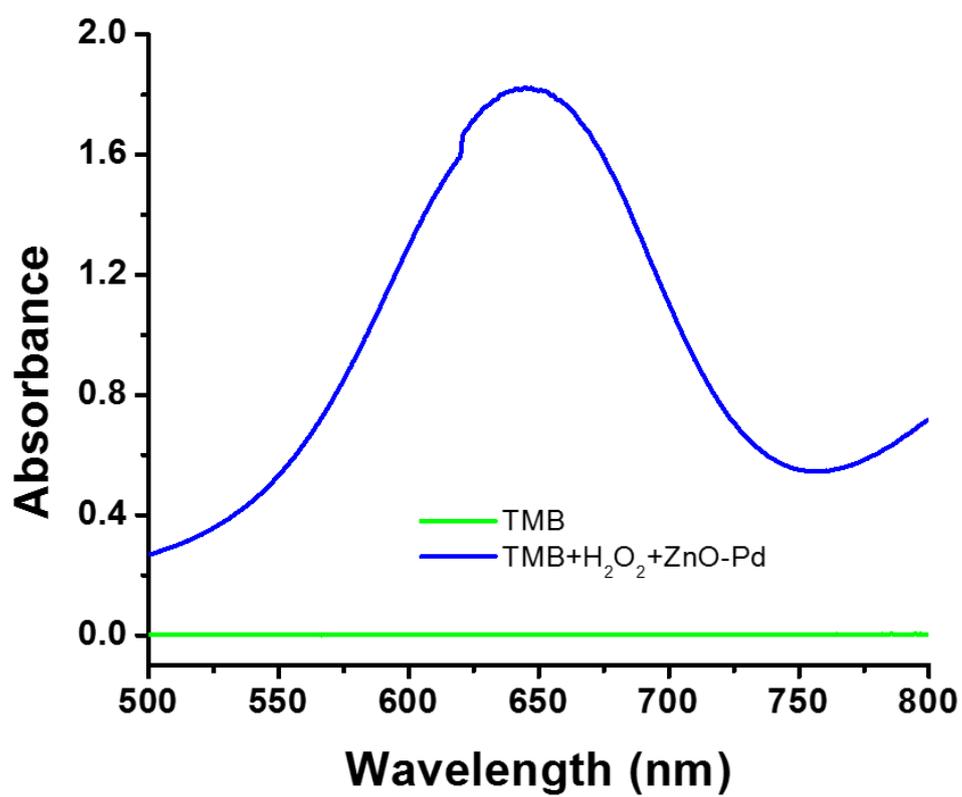


**Figure S1.** Green synthesis of ZnO nanosheets and ZnO-Pd nanosheets.

**(a)** Ultraviolet–visible spectra of biosynthesized ZnO nanosheets. **(b)** White-yellow-colored dispersion of as-synthesized ZnO nanosheets. **(c)** Ultraviolet–visible spectra of biosynthesized ZnO-Pd nanosheets. **(d)** Light yellow-brown-colored dispersion of as-synthesized ZnO-Pd nanosheets.



**Figure S2.** FTIR spectrum of biosynthesized ZnO-Pd nanosheets.



**Figure S3.** Absorbance spectra of TMB and oxidized TMB after 20 min of incubation at room temperature.

**Table S1.** The amount of Pd and Zn in nanosheets was determined by ICP-MS.

Element	Pd	Zn
% (w/w)	0.45	11.6