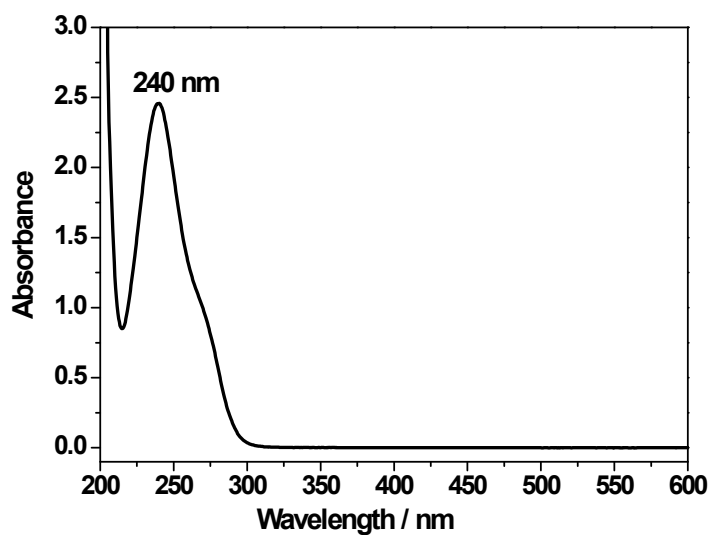


Bimetallic layer-by-layer films and their application in catalytic hydrogenation of olefin

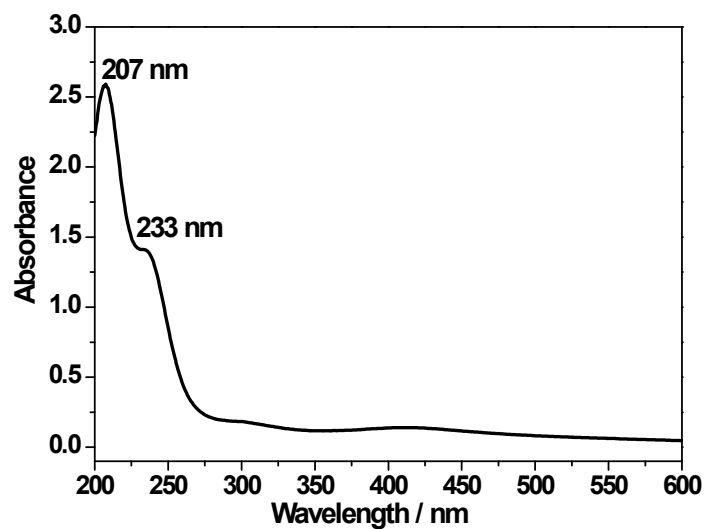
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Structure of Matter, the Chinese Academy of Sciences, Fuzhou 350002, China

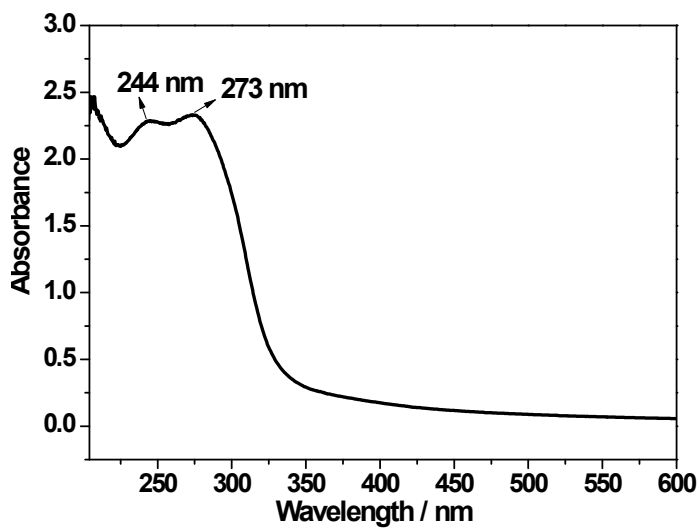


(a) ethanol solution of 4, 4'-bipyridyl (bpy)

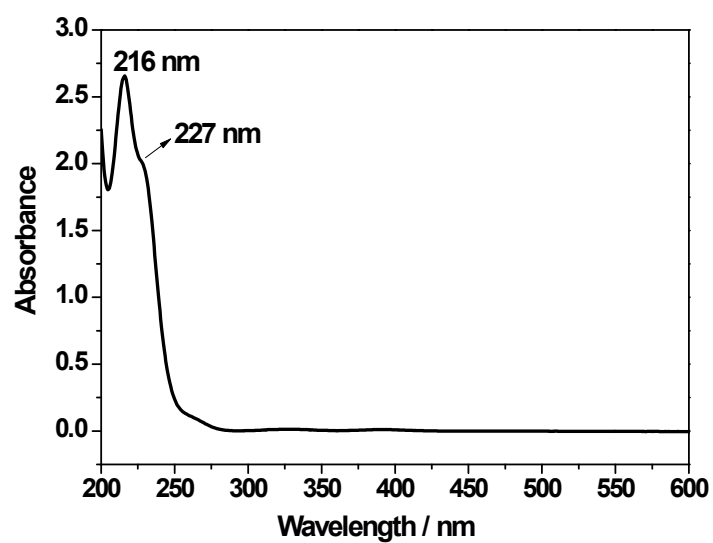
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- To whom correspondence should be addressed. Phone: (+86)591 63173998. Fax: (+86) 591 63173998. E-mail: rcao@firms.ac.cn (R.Cao)



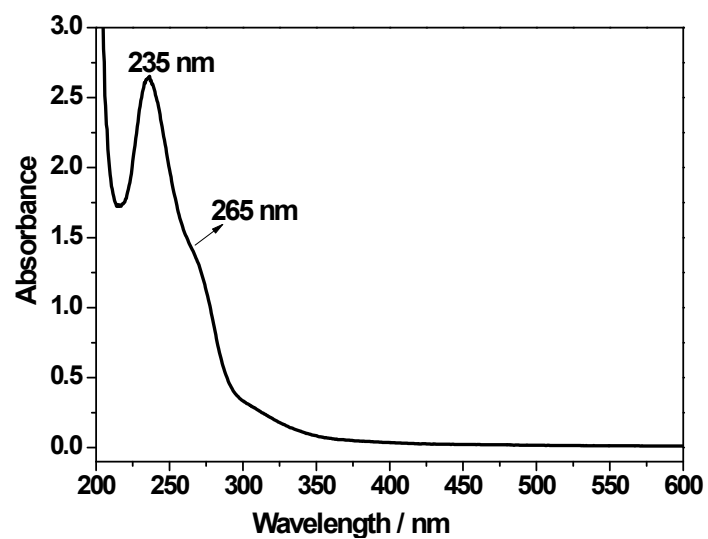
(b) aqueous K_2PdCl_4 solution



(c) 1 equiv of K_2PdCl_4 and bpy



(d) aqueous K_2PtCl_4 solution



(e) 1 equiv of K_2PtCl_4 and bpy

Fig.S1 UV-vis spectra of the solutions