**Supplementary Figure**

![图形用户界面, 图表

描述已自动生成]()

**Supplementary Figure 1.** 2-D contour plots of the effects of the various parameters on the PYP yield. (A) Liquid-solid ratio and time; (B) Liquid-solid ratio and temperature; (C) Time and temperature.

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**Supplementary Figure 2.** Monosaccharide composition of PPYP.

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**Supplementary Figure 3.** The molecular weight determination of PPYP.