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Supplementary information

Industrial kinetic resolution of D,L-pantolactone by immobilized whole-cell biocatalyst

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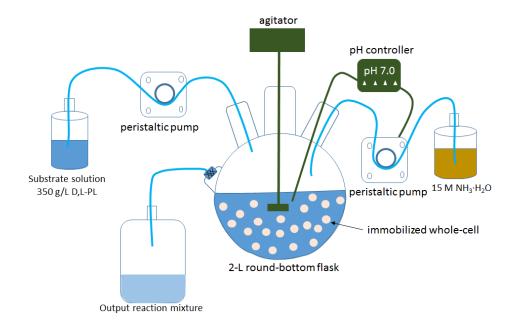
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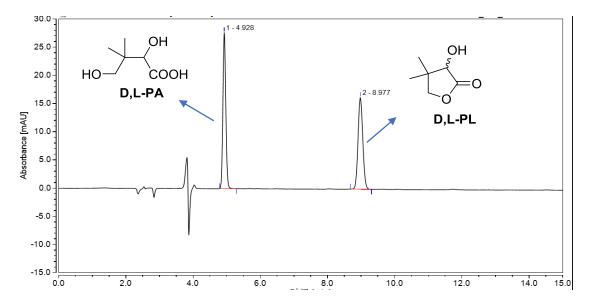
The shape of immobilized cell of $Pichia\ pastoris\ ZMU-125$



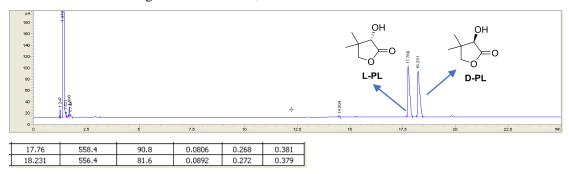
The schematic diagram for continuous hydrolysis of D,L-PL.



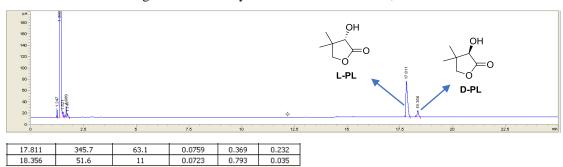
The HPLC chromatogram for D,L-PL and D,L-PA.



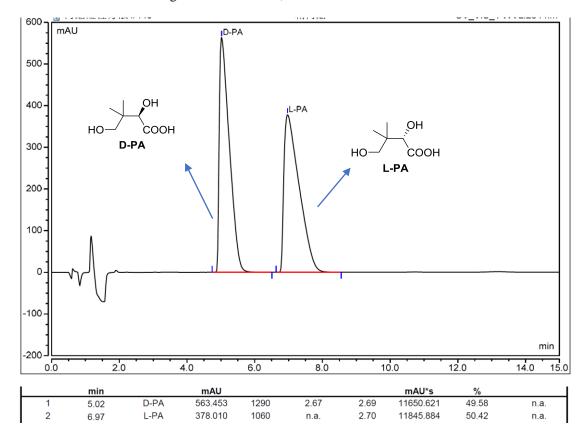
The chiral GC chromatogram for racemic D,L-PL.



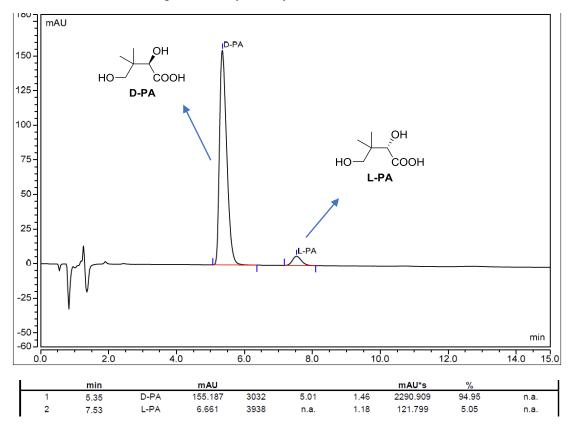
The chiral GC chromatogram for biocatalytic kinetic resolution of D,L-PL.



The chiral HPLC chromatogram for racemic D,L-PA.



The chiral HPLC chromatogram for enzymatic synthesized chiral D-PA.



NMR spectra of the purified D-PL.

