

Efficient Biocatalytic Preparation of Optically Pure (*R*)-1-[4-(Trifluoromethyl)phenyl]ethanol by Recombinant Whole-Cell-Mediated Reduction

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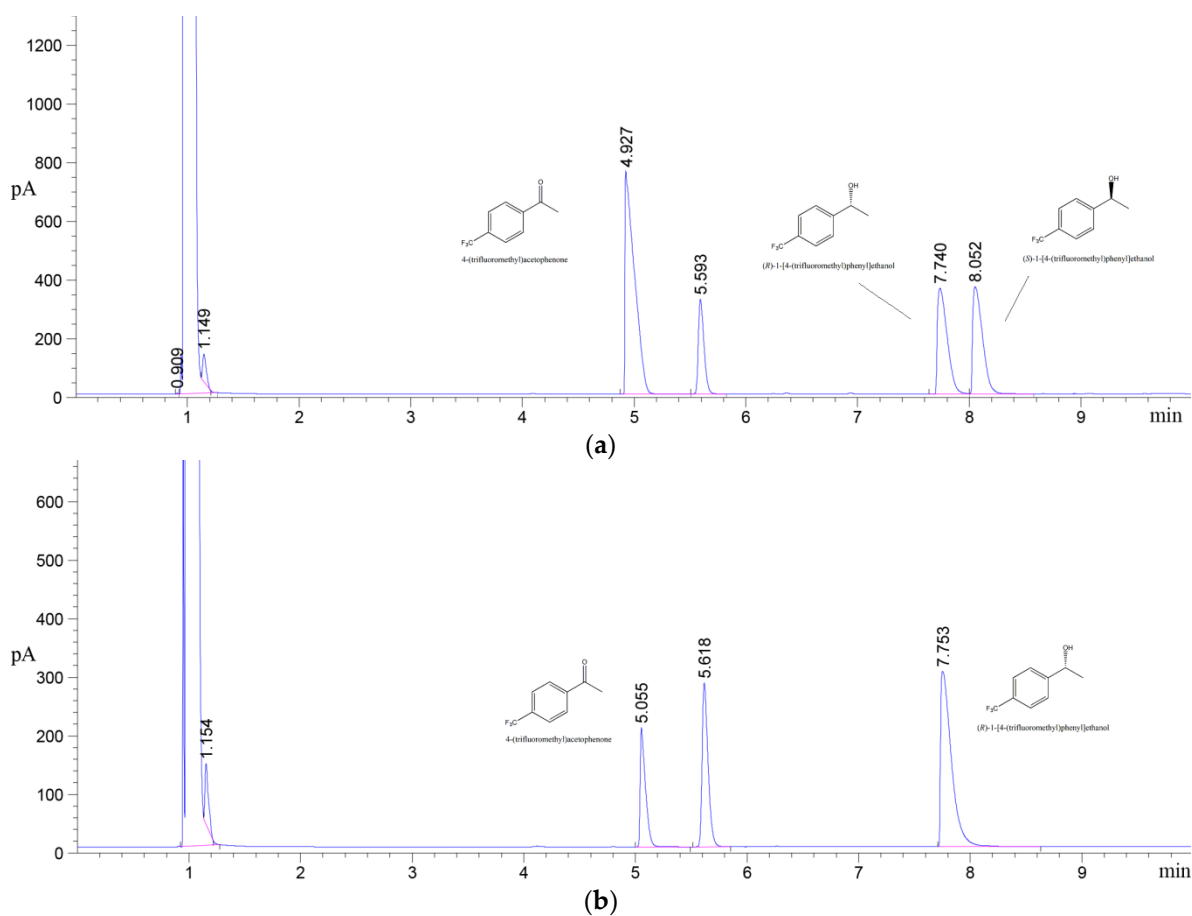


Figure S1. GC chromatogram of the bioconverted sample. (a) GC analysis of substrate 4-(trifluoromethyl)acetophenone and its corresponding alcohols with chiral Varian CP-Chirasil-Dex CB column (4-(trifluoromethyl)acetophenone, 5.0 min; (*R*)-1-[4-(trifluoromethyl)phenyl]ethanol, 7.7 min; (*S*)-1-[4-(trifluoromethyl)phenyl]ethanol, 8.0 min; dodecane, 5.6 min). (b) GC chromatogram of the bioconverted sample.

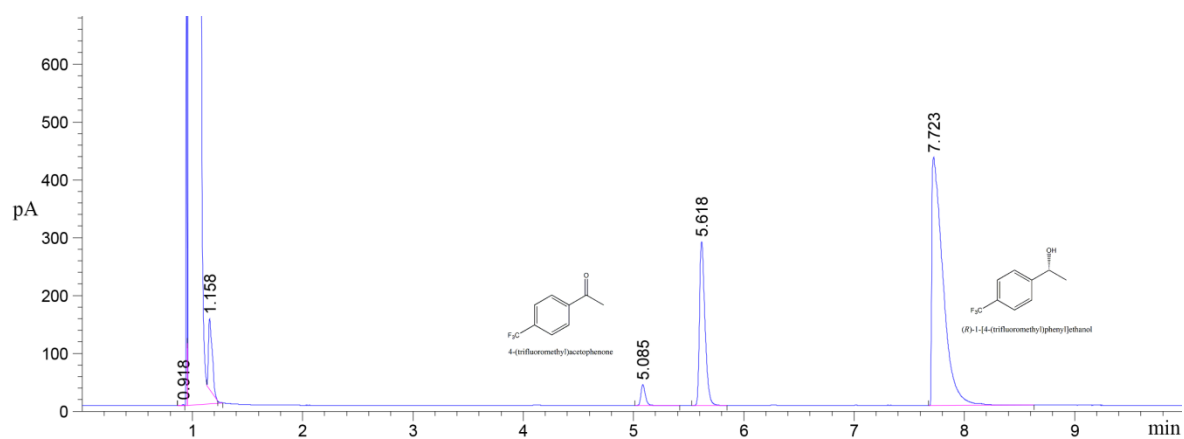


Figure S2. Chiral analysis of the bioconverted sample in preparative-scale bioreduction.