Supporting Information for

Stable TEMPO and ABNO Reagent Solutions for User-Friendly (bpy)Cu/Nitroxyl-Catalyzed Aerobic Alcohol Oxidation

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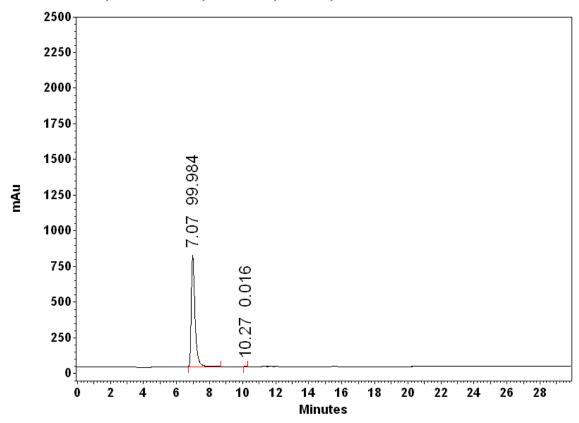
Table of Contents		Page
I.	Enantiomer Analysis for N-Boc-L-tert-Leucinal	S2
II.	¹ H and ¹³ C NMR Spectra	S5

(S)-2-((Boc)amino)-3,3-dimethylbutyl-4-nitrobenzoate.

The product was prepared according to literature procedure described in the manuscript.

Analysis of (*S*)-2-((Boc)amino)-3,3-dimethylbutyl-4-nitrobenzoate from 1 mmol scale oxidation of *N*-Boc-L*-tert*-leucinol.

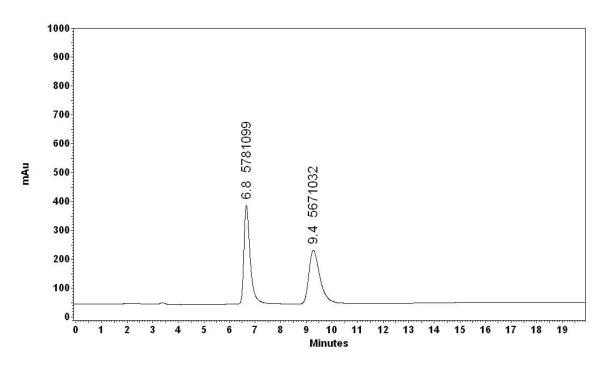
Chiralcel OJ-H, 5-25% iPrOH, 1 mL/min, 254 nm, >99% ee



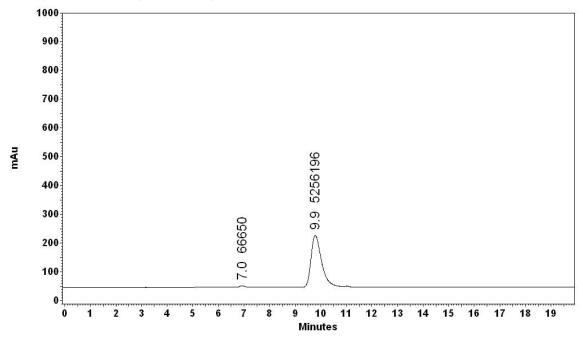
Reference HPLC Traces for Enantiomeric Assignment.

Reference HPLC traces were obtained with racemic ester derived from commercially obtained *tert*-leucinol and with independent samples of the esters derived from D- and L-*tert*-leucinol. The following data and the method for independent preparation of the nitrobenzyl esters can be found in our previously published work.

HPLC trace of racemic 2-((Boc)amino)-3,3-dimethylbutyl-4-nitrobenzoate. Chiralcel OJ-H, 5-25% iPrOH, 1 mL/min, 254 nm



HPLC trace of (*R*)-2-((Boc)amino)-3,3-dimethylbutyl-4-nitrobenzoate. 97% ee. Chiralcel OJ-*H*, 5-25% iPrOH, 1 mL/min, 254 nm



HPLC trace of (*S*)-2-((Boc)amino)-3,3-dimethylbutyl-4-nitrobenzoate. >99% ee. Chiralcel OJ-*H*, 5-25% iPrOH, 1 mL/min, 254 nm

