Supporting information-Rhodium-catalysed conjugate addition of arylboronic acids to enantiopure dehydroamino acid derivatives

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General experimental:

IR spectra were recorded on a Perkin-Elmer 1600 FT IR spectrophotometer, using NaCl discs. ¹H NMR spectra were obtained on a Bruker Avance 300 spectrometer operating at 300 MHz, unless otherwise noted, with tetramethylsilane as an internal standard. *J* values are given in Hz. ¹³C NMR spectra were obtained on a Bruker Advance 300 spectrometer operating at 75 MHz, unless otherwise noted. All dry solvents were freshly distilled under nitrogen prior to use. Mass spectra were obtained on a Bruker Time-of-Flight mass spectrometer (ESI-TOF). Enantiomeric excesses were determined using HPLC (see data see individual compounds details) with a UV detector at 254 nm. Tetrahydrofuran was distilled over alumina column. Petroleum ether refers to that fraction obtained between 40-60 °C. All other reagents were obtained from commercial suppliers and used as received. All glassware used under anhydrous conditions was dried in an oven and allowed to cool under nitrogen prior to use. All reactions were carried out under argon unless otherwise stated. Flash chromatography was conducted under medium pressure, using matrix 60 silica.

CCDC 776776 contains the supplementary crystallographic data for this paper. These data can be obtained free of charge from The Cambridge Crystallographic Data Centre via www.ccdc.cam.ac.uk/data_request/cif.

¹H and ¹³C NMR Spectra:





240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 -10 ppm





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