Supporting Information for

Asymmetric, Catalytic Phenyl Transfer to Aldehydes: Enantioselective Synthesis of Diarylmethanols

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HPLC-Analysis:

α-(4-chlorophenyl)phenylmethanol:

Chiralcel OB, heptane/*i*-PrOH = 80 : 20, 0.8 ml/min, (*R*): 8.8, (*S*): 13.3 min

α-(4-methoxyphenyl)phenylmethanol:

Chiralcel OB-H, heptane/*i*-PrOH = 92 : 8, 0.5 ml/min, (*R*): 65.1, (*S*): 70.4 min

α-(3-methoxyphenyl)phenylmethanol:

Chiralcel OD, heptane/*i*-PrOH = 95 : 5, 0.8 ml/min, (*S*): 35.0, (*R*): 54.3 min

α-(4-tolyl)phenylmethanol:

Chiralcel OD, heptane/*i*-PrOH = 98 : 2, 0.9 ml/min, (*S*): 35.8, (*R*): 38.5 min

α-(4-biphenyl)phenylmethanol:

Chiralcel OD, heptane/*i*-PrOH = 98 : 2, 1.0 ml/min, (*R*): 65.9, (*S*): 75.5 min

α-(2-naphthyl)phenylmethanol:

Chiralcel OD, heptane/*i*-PrOH = 90 : 10, 0.8 ml/min, (*S*): 20.4, (*R*): 23.7 min

α-(2-bromophenyl)phenylmethanol:

Chiralcel OD, heptane/*i*-PrOH = 90 : 10, 0.8 ml/min,

(*R*): 11.6, (*S*): 14.9 min

α-(2-furyl)phenylmethanol:

Chiralcel OD, heptane/*i*-PrOH = 97 : 3, 1.0 ml/min,

(*S*): 26.0, (*R*): 31.2 min

1,3-diphenyl-2-propenol:

Chiralcel OD, heptane/*i*-PrOH = 80 : 20, 0.8 ml/min,

(*S*): 11.7, (*R*): 14.2 min

1,2-diphenylethanol:

Chiralcel OB-H, heptane/*i*-PrOH = 80 : 20, 0.5 ml/min,

(*S*): 14.3, (*R*): 16.0 min

2-methyl-1-phenyl-propanol:

Chiralcel OD, heptane/*i*-PrOH = 98 : 2, 0.9 ml/min,

(*S*): 13.2, (*R*): 16.5 min

2,2-dimethyl-1-phenyl-propanol:

Chiralcel OD, heptane/*i*-PrOH = 98 : 2, 1.0 ml/min,

(*S*): 11.0, (*R*): 16.7 min