Supporting Information

Synthesis of Chiral Non-racemic 1-(2-Pyridinyl)ethylamines:

Stereospecific Introduction of Amino Function

on to the 2-Pyridinylmethyl Carbon Center

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List of ¹H NMR and ¹³C NMR

(S)-4a	S2-3	(S)-5d	S42-43
(S)-4b	S4-5	(S)-5e	S44-45
(S)-4c	S6-7	(S)-5f	S46-47
(S)-4d	S8-9	(S)-5g	S48-49
(S,S)-4e	S10-11	(S,S)-5h	S50-51
(S,R)-4e	S12-13	(S,R)-5h	S52-53
(S,S)-4f	S14-15	(S)-7	S54-55
meso-4f	S16-17	(S)-9a	S56-57
(S,S)-4g	S18-19	(S)-9b	S58-59
(S,R)-4g	S20-21	(S)-9c	S60-61
(R)-4h	S22-23	(S, S)-9d	S62-63
(R)-4i	S24-25	(S, R)-9d	S64-65
(R)-4j	S26-27	(S,S)-9e	S66-67
(R)-4k	S28-29	(S,R)-9e	S68-69
(R)-4l	S30-31	(S,S)-9f	S70-71
(R)-4m	S32-33	(R)-11	S72-73
(R)-4n	S34-35	(S)-12	S74-75
(S)-5a	S36-37	(S)-15	S76-77
(S)-5b	S38-39	(R,S)-16	S78-79
(S)-5c	S40-41		

(S)-4a: ^1H NMR

(S)-**4a**; ^{13}C NMR

(S)-4b; ^1H NMR

(S)-4b; ^{13}C NMR

(S)-4c; ^1H NMR

(S)-4c: ^{13}C NMR

(S)-**4d**; ^{13}C NMR

(S,S)-**4e**; ^1H NMR

(*S,R*)-**4e**: ^{13}C NMR

(S,S)-**4f**, ^1H NMR

(S,S)-**4f**; ^{13}C NMR

meso-4f, ^1H NMR

meso-**4f**; ^{13}C NMR

S)-4g: ^{13}C NMR

(S,R)-4g: ¹H NMR

(*S,R*)-**4g**; ^{13}C NMR

(R)-4h; ^1H NMR

(*R*)-4h: ^{13}C NMR

(*R*)-**4i** (dr 4 : 1); ^1H NMR

(*R*)-**4i** (dr 4 : 1); ^{13}C NMR

(R)-4j (dr 4.4 : 1); ^{13}C NMR

(*R*)-**4k** (dr 12 : 1); ^1H NMR

(*R*)-**4k** (dr 12 : 1); ^{13}C NMR

(*R*)-**4** (dr 13 : 1); ^1H NMR

(*R*)-41 (dr 13 : 1); ^{13}C NMR

(*R*)-4m (dr 12 : 1); ¹H NMR

(*R*)-4m (dr 12 : 1); ^{13}C NMR

(*R*)-**4n** (dr 14 : 1); ^1H NMR

(S)-5a; ^1H NMR

(S)-**5a**; ^{13}C NMR

(S)-5b: ^1H NMR

(S)-**5b**, ^{13}C NMR

(S)-5c; ^1H NMR

(S)-5c, ^{13}C NMR

(S)-**5d**; ^1H NMR

(S)-5d; ^{13}C NMR

(S)-**5e**; ^1H NMR

(S)-**5e**; ^{13}C NMR

(S)-**5f**; ^1H NMR

(S)-**5f**; ^{13}C NMR

(S)-**5g**; ^1H NMR

(S)-5g; ^{13}C NMR

(S,S)-**5h**; ^1H NMR

(S,S)-5h; ^{13}C NMR

(*S,R*)-**5h**; ^1H NMR

(S,R)-5h; ^{13}C NMR

(S)-7; ¹H NMR

(S)-7; ^{13}C NMR

(S)-**9a**; ^1H NMR

(S)-**9a**; ^{13}C NMR

(S)-**9b**; ^1H NMR

(S)-**9b**, ^{13}C NMR

(S)-**9c**; ^{13}C NMR

(S,S)-**9d**; ^1H NMR

(S,S)-**9d**, ^{13}C NMR

(*S,R*)-**9d**; ^{13}C NMR

(S,S)-**9e**; ^1H NMR

(S,S)-**9e**; ^{13}C NMR

(*S,R*)-**9e**; ^1H NMR

(*S,R*)-**9e**; ^{13}C NMR

(S,S)-**9f**; ^1H NMR

(S,S)-**9f**: ^{13}C NMR

(R)-11; ¹H NMR

(R)-11; ^{13}C NMR

(S)-12; ^1H NMR

(S)-12; ^{13}C NMR

(S)-15; ¹H NMR

(S)-15; ^{13}C NMR

(*S,R*)-**16**; ^1H NMR

(S,R)-16; ^{13}C NMR