

Supporting Information

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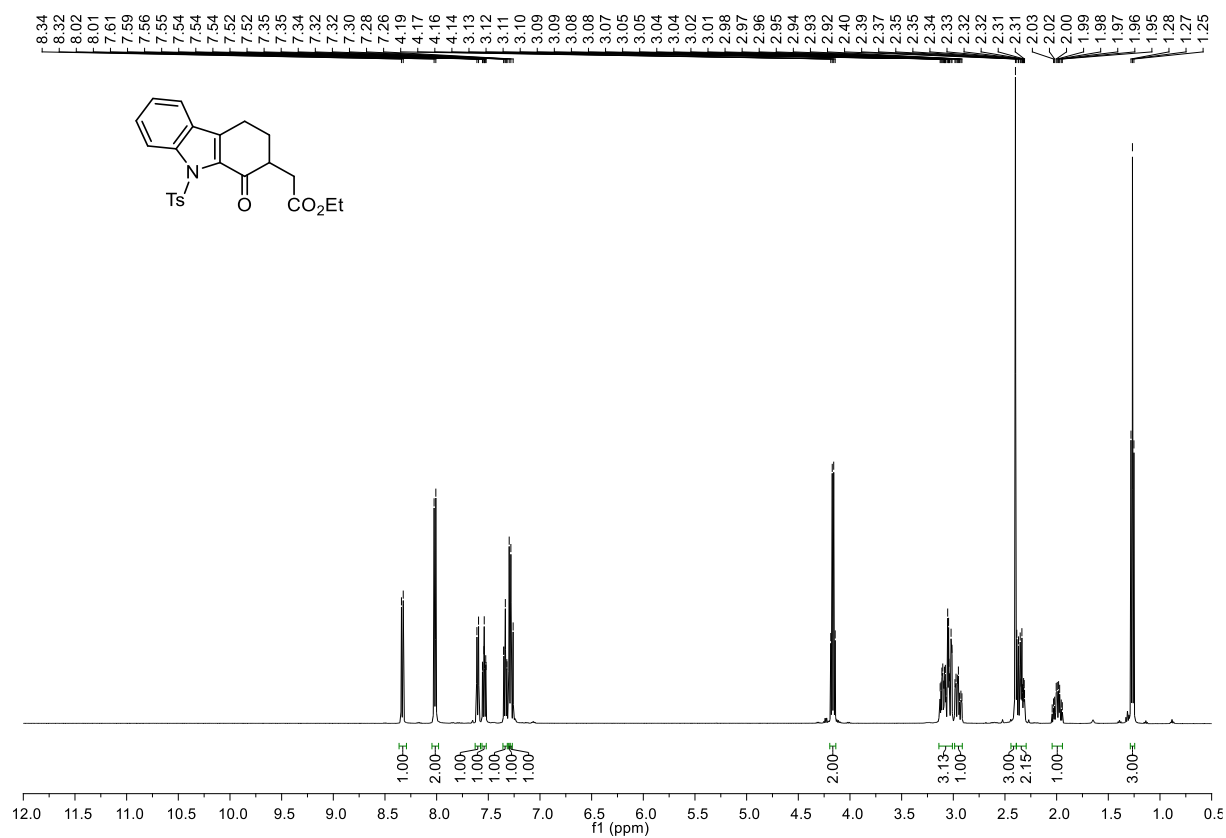
Asymmetric transfer hydrogenation of a new *N*-tosyltetrahydrocarbazole-1-one ester with the Noyori-Ikariya catalyst

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Table of Contents	Page
Figure S1: ¹ H-NMR Spectrum of (±)- 6 (500 MHz, CDCl ₃)	2
Figure S2: ¹³ C{ ¹ H} NMR Spectrum of (±)- 6 (APT, 125 MHz CDCl ₃)	3
Figure S3: ¹ H-NMR Spectrum of (±)- 7 (500 MHz, CDCl ₃)	4
Figure S4: ¹³ C{ ¹ H} NMR Spectrum of (±)- 7 (APT, 125 MHz CDCl ₃)	5
Figure S5: ¹ H-NMR Spectrum of (±)- 8 (500 MHz, CDCl ₃)	6
Figure S6: ¹³ C{ ¹ H} NMR Spectrum of (±)- 8 (APT, 125 MHz CDCl ₃)	7
Figure S7: ¹ H-NMR Spectrum of (±)- 9 (500 MHz, CDCl ₃)	8
Figure S8: ¹³ C{ ¹ H} NMR Spectrum of (±)- 9 (APT, 125 MHz CDCl ₃)	9
Figure S9: HR-MS (ESI ⁺) Spectrum of (±)- 6	10
Figure S10: HR-MS (ESI ⁺) Spectrum of (±)- 7 and (±)- 8	11
Figure S11: HR-MS (ESI ⁺) Spectrum of (±)- 9	12
Figure S12: HPLC chromatogram of (±)- 7	13
Figure S13: HPLC chromatogram of 7	13
Figure S14: HPLC chromatogram of 7	13
Figure S15: HPLC chromatogram of (±)- 7	14
Figure S16: HPLC chromatogram of 7	14
Figure S17: HPLC chromatogram of 7	14
Figure S18: HPLC chromatogram of (±)- 9	15
Figure S19: HPLC chromatogram of 9	15
Figure S20: HPLC chromatogram of 9	16
Figure S21: HPLC chromatogram of 9	16

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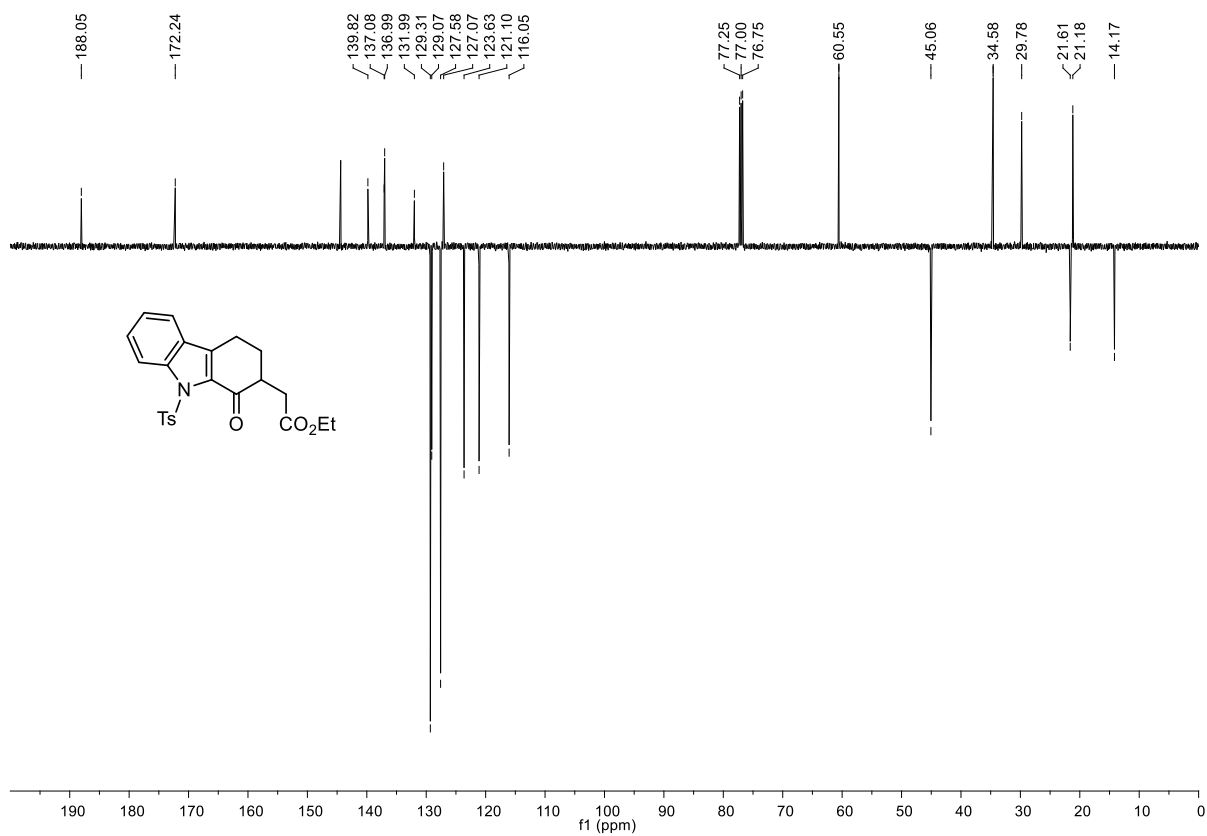
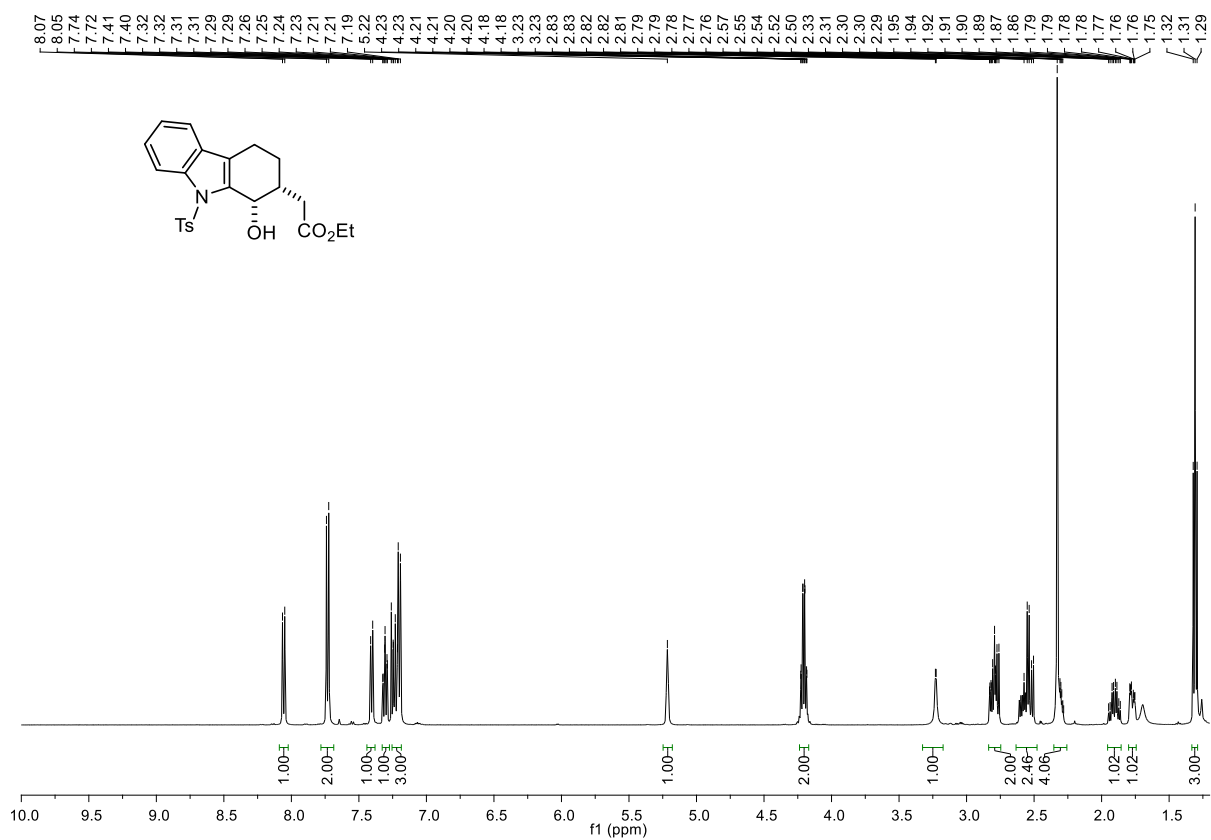


Figure S2: $^{13}\text{C}\{^1\text{H}\}$ NMR Spectrum of (\pm)-6 (APT, 125 MHz CDCl_3)



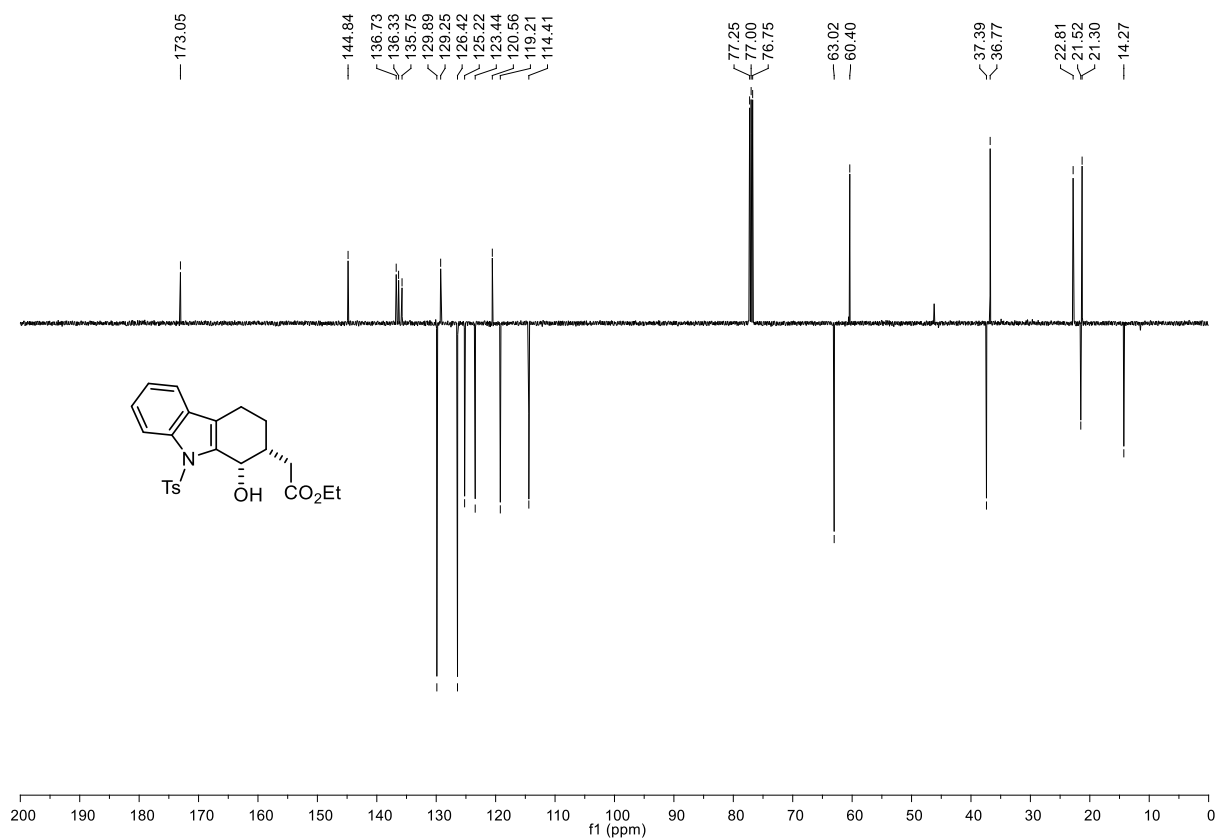
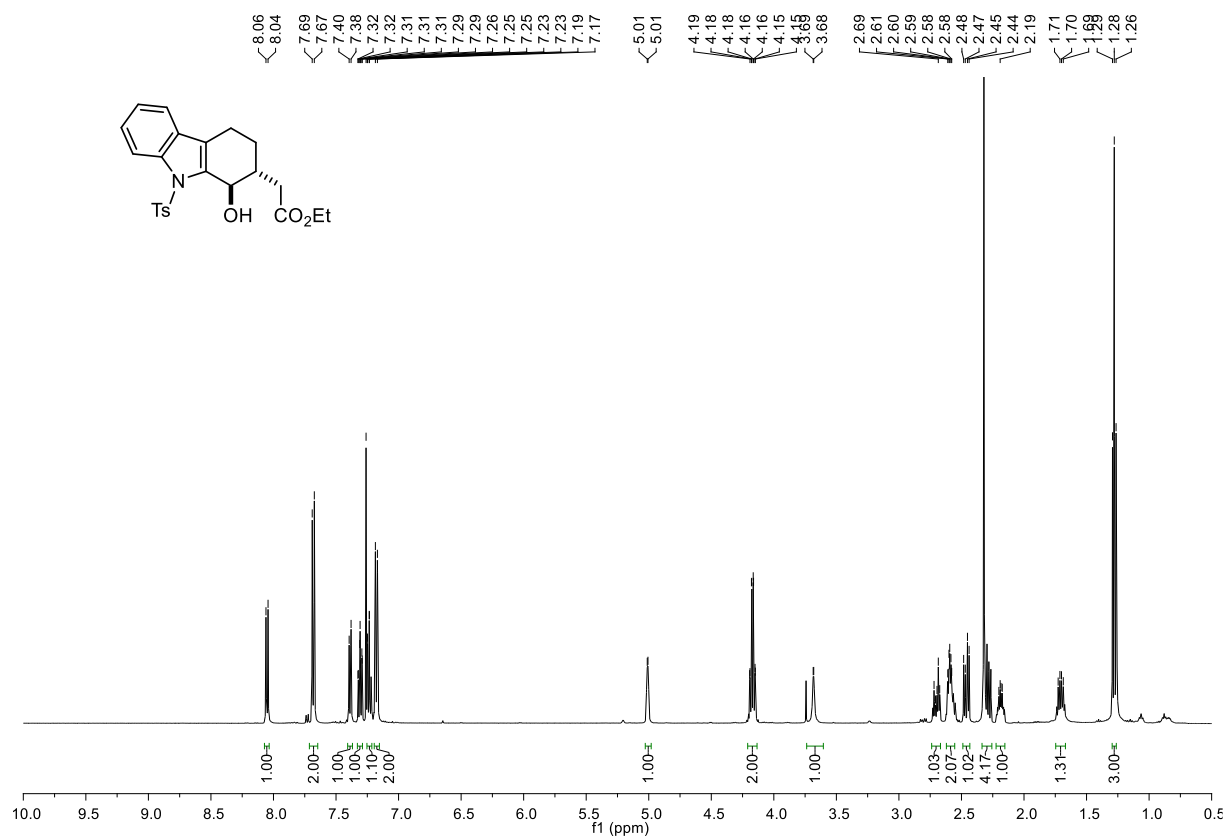


Figure S4: $^{13}\text{C}\{^1\text{H}\}$ NMR Spectrum of (\pm)-7 (APT, 125 MHz CDCl_3)



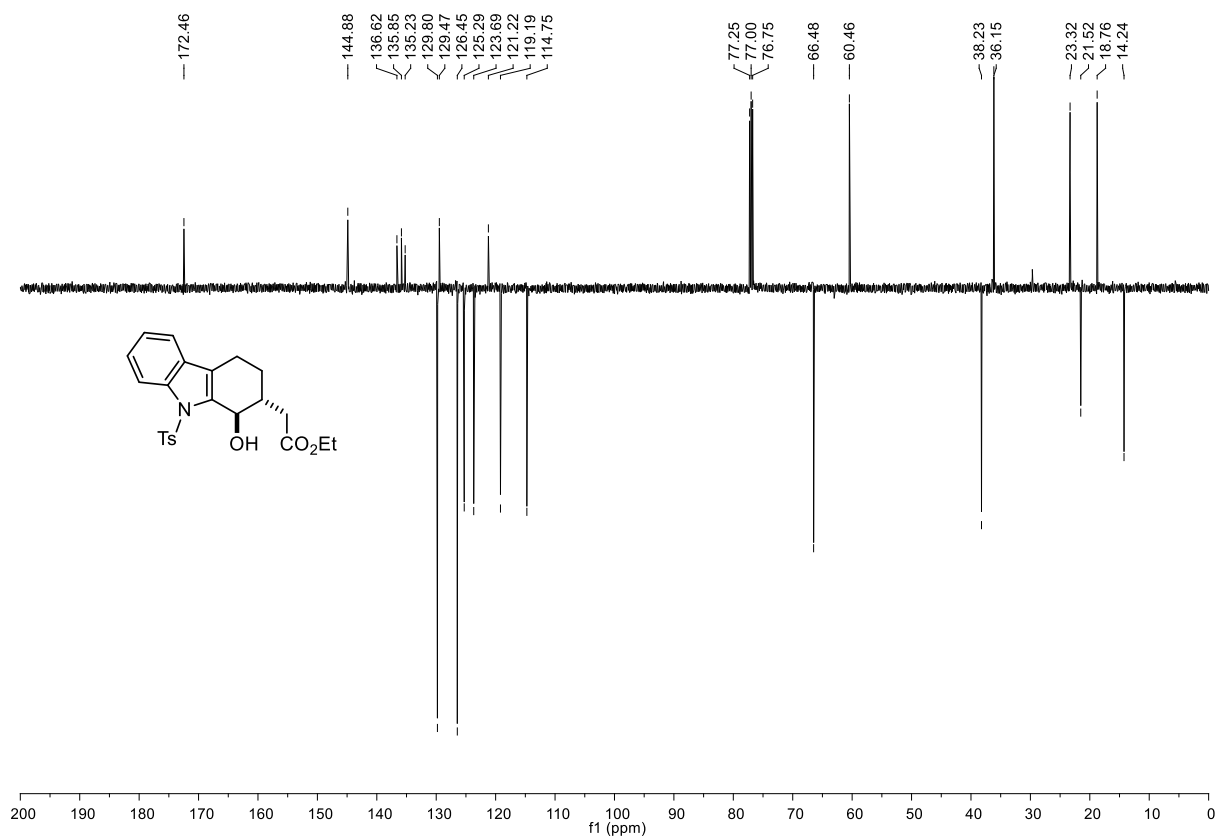


Figure S6: $^{13}\text{C}\{^1\text{H}\}$ NMR Spectrum of (\pm)-**8** (APT, 125 MHz CDCl_3)

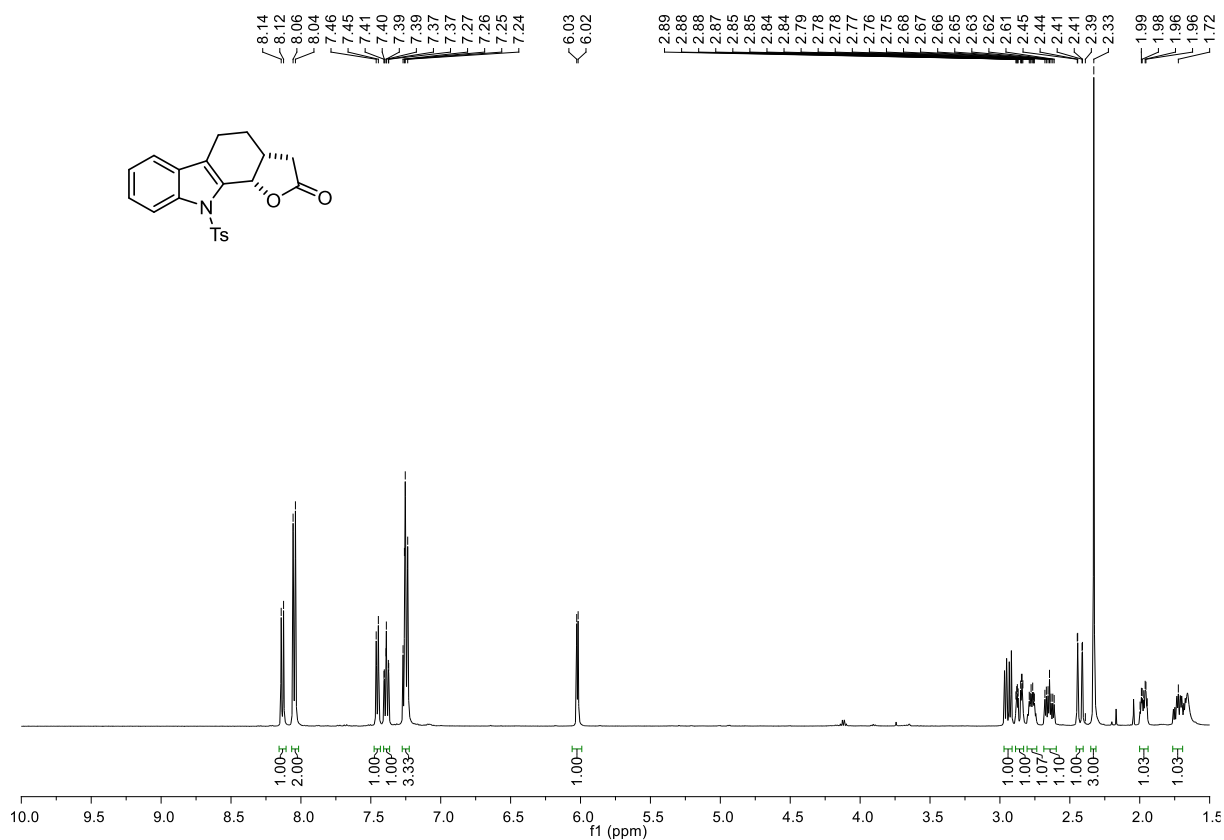


Figure S7: $^1\text{H-NMR}$ Spectrum of (\pm)-**9** (500 MHz, CDCl_3)

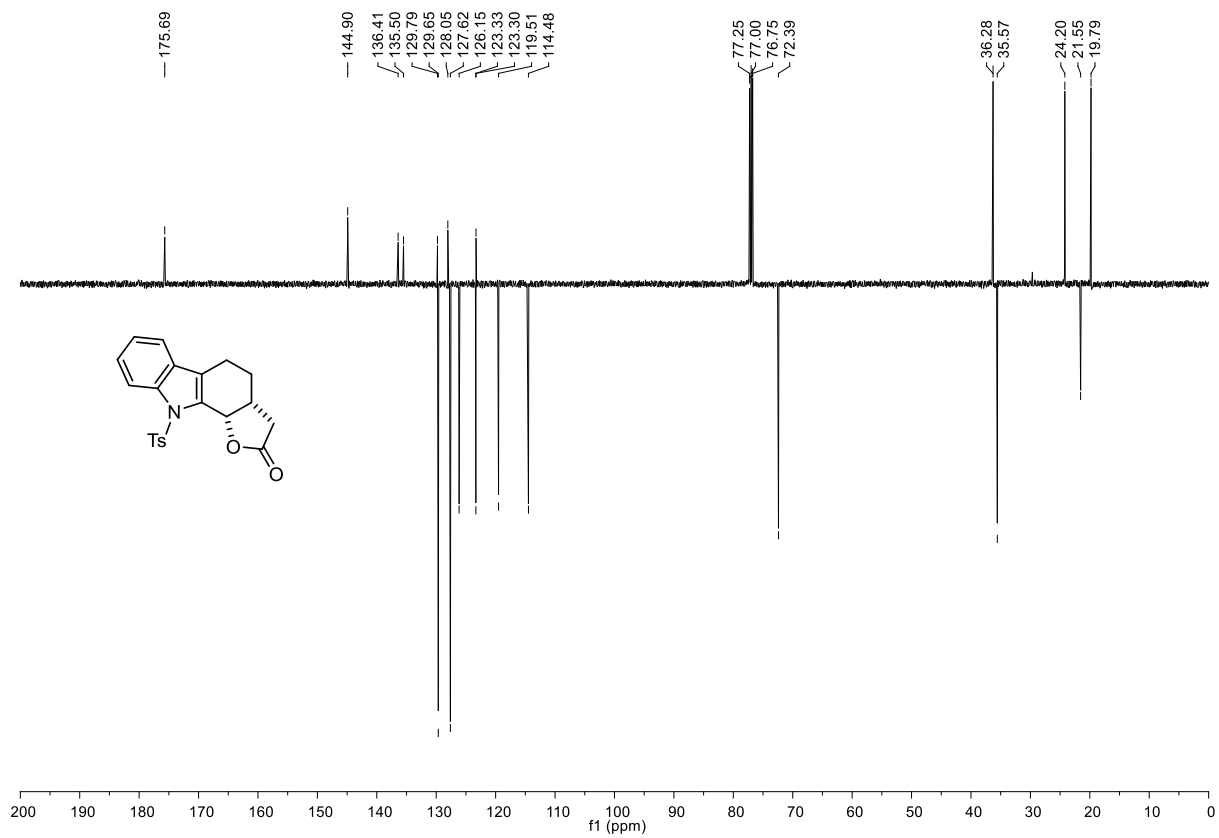


Figure S8: $^{13}\text{C}\{^1\text{H}\}$ NMR Spectrum of (\pm)-**9** (APT, 125 MHz CDCl_3)

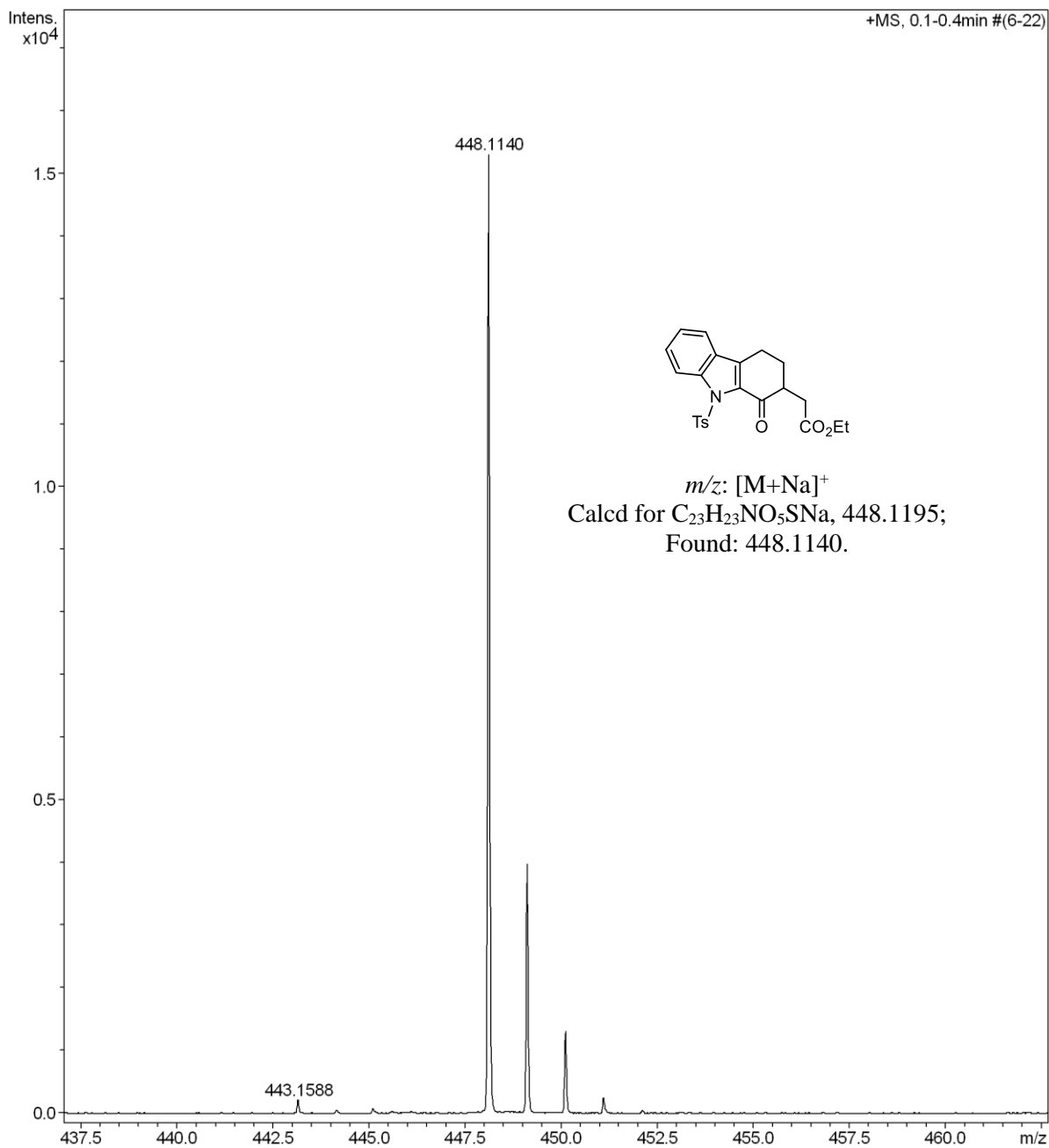


Figure S9: HR-MS (ESI⁺) Spectrum of (±)-**6**

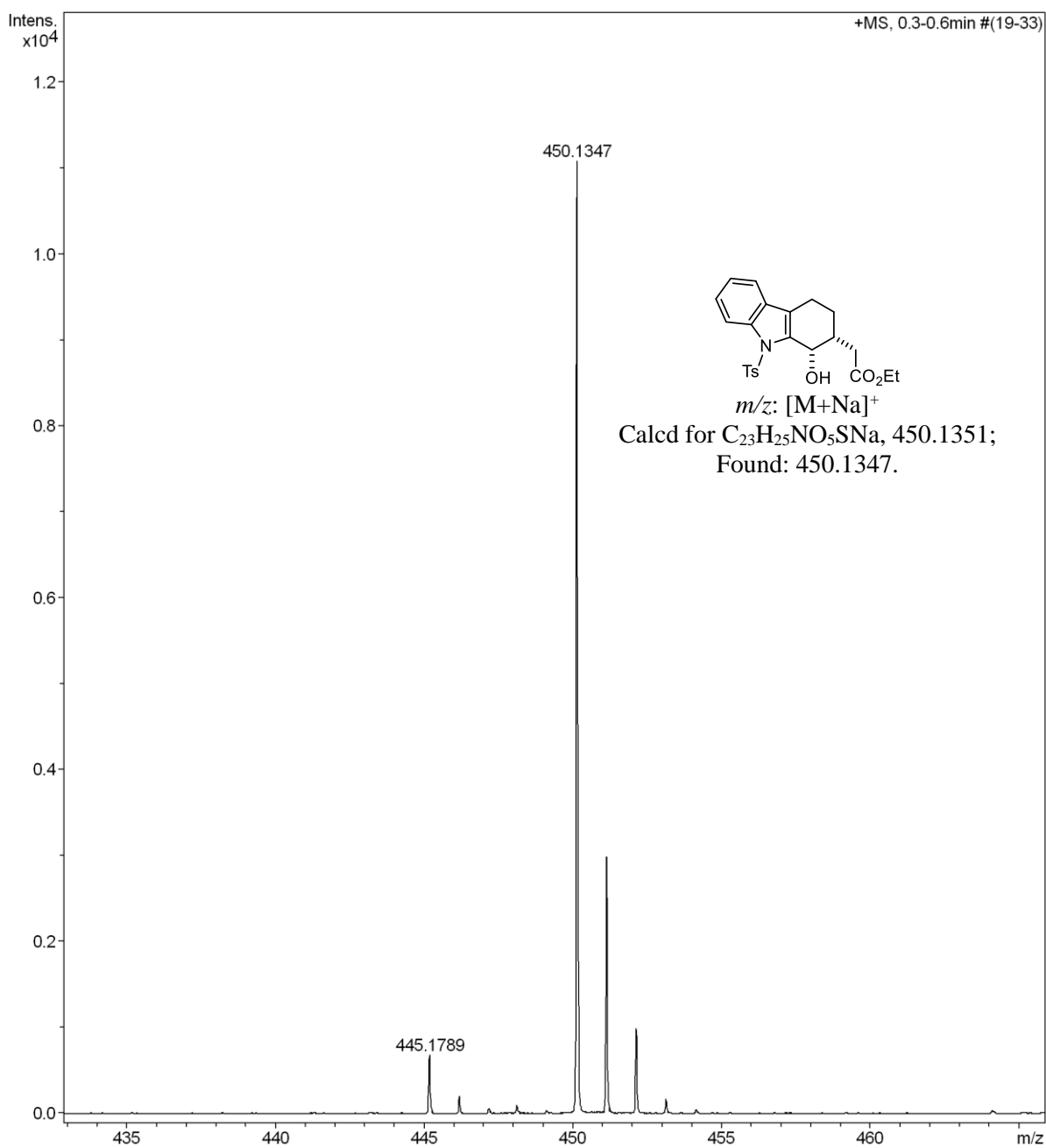


Figure S10: HR-MS (ESI⁺) Spectrum of (±)-**7** and (±)-**8**

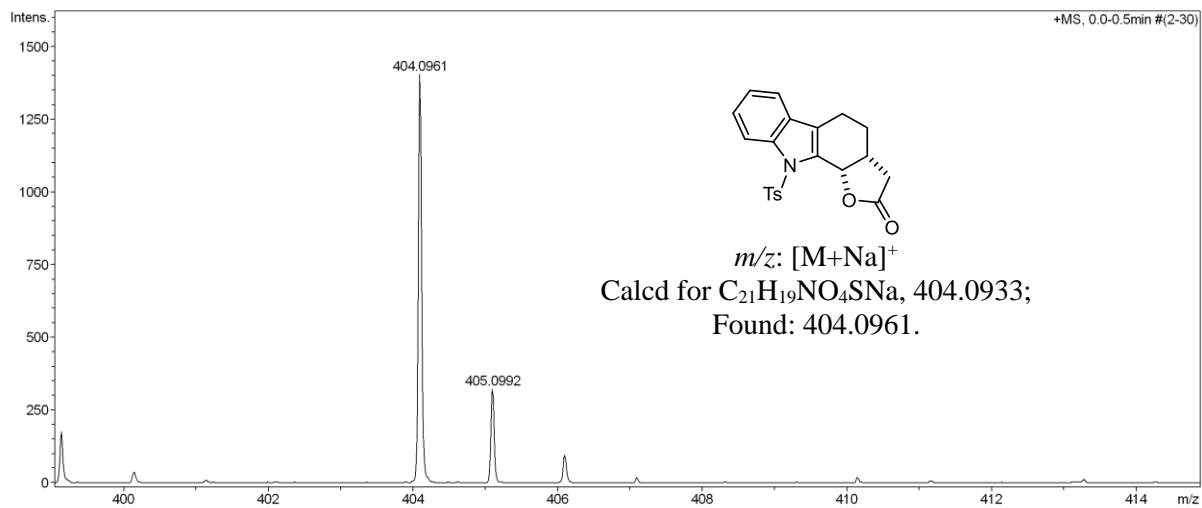


Figure S11: HR-MS (ESI⁺) Spectrum of (±)-**9**

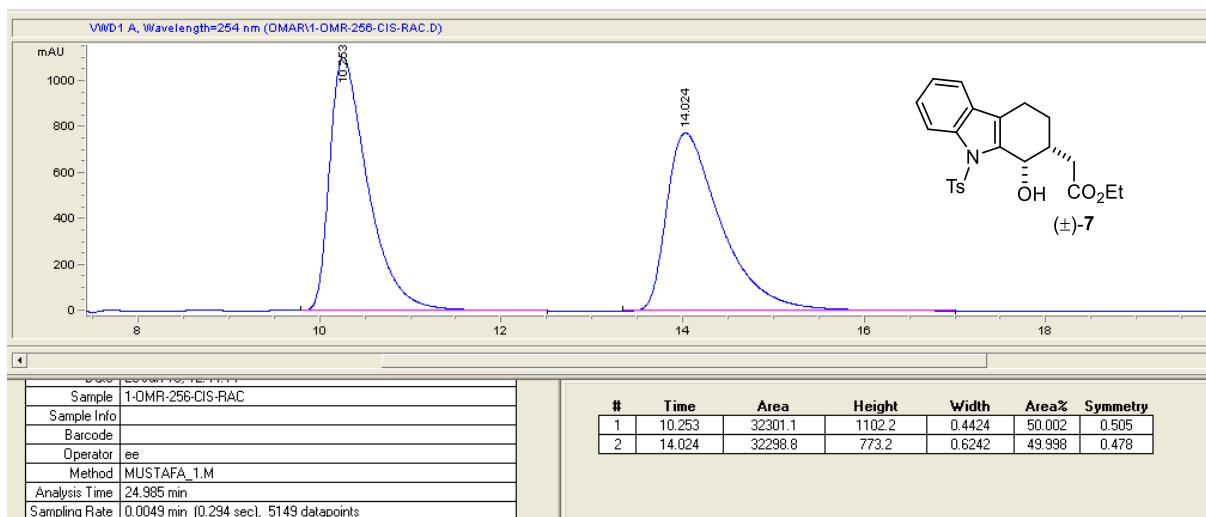


Figure S12: HPLC chromatogram of (±)-7

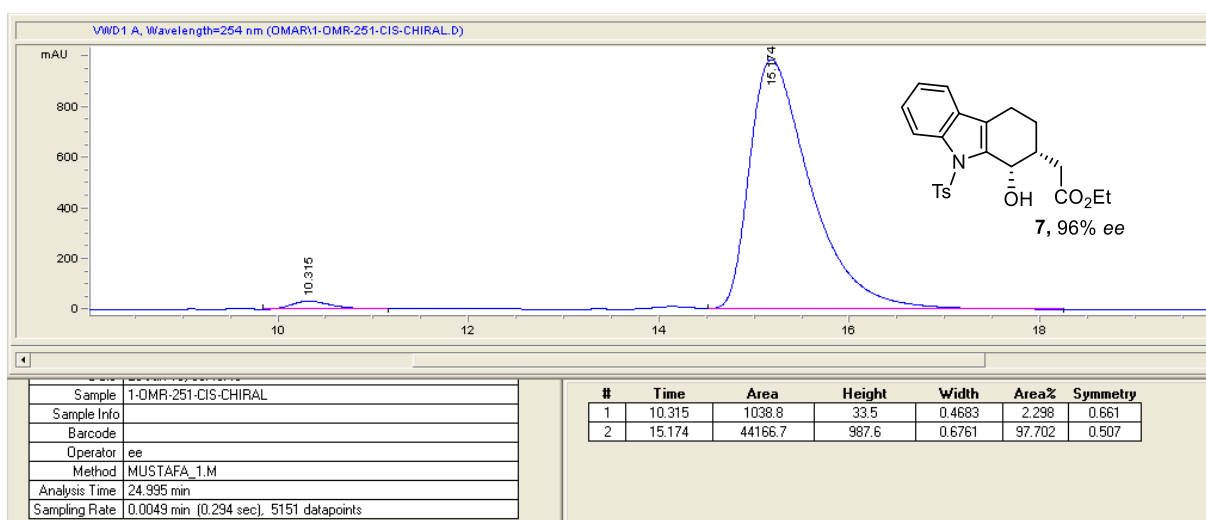


Figure S13: HPLC chromatogram of 7

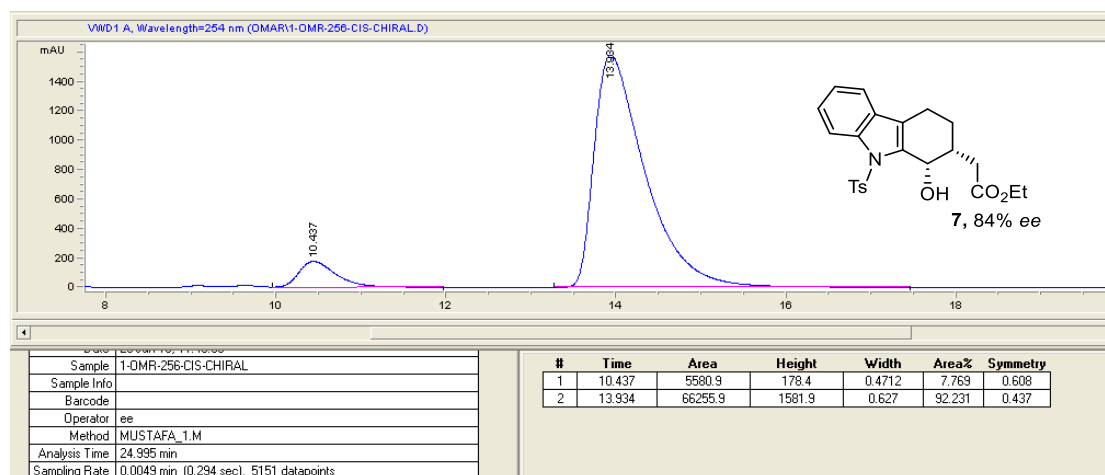


Figure S14: HPLC chromatogram of 7

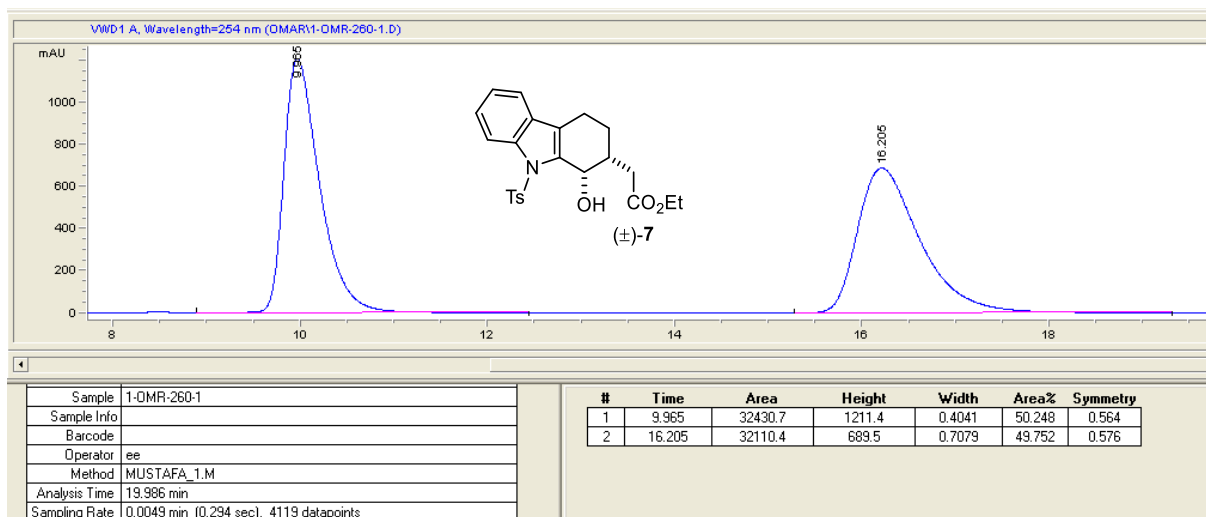


Figure S15: HPLC chromatogram of (\pm)-7

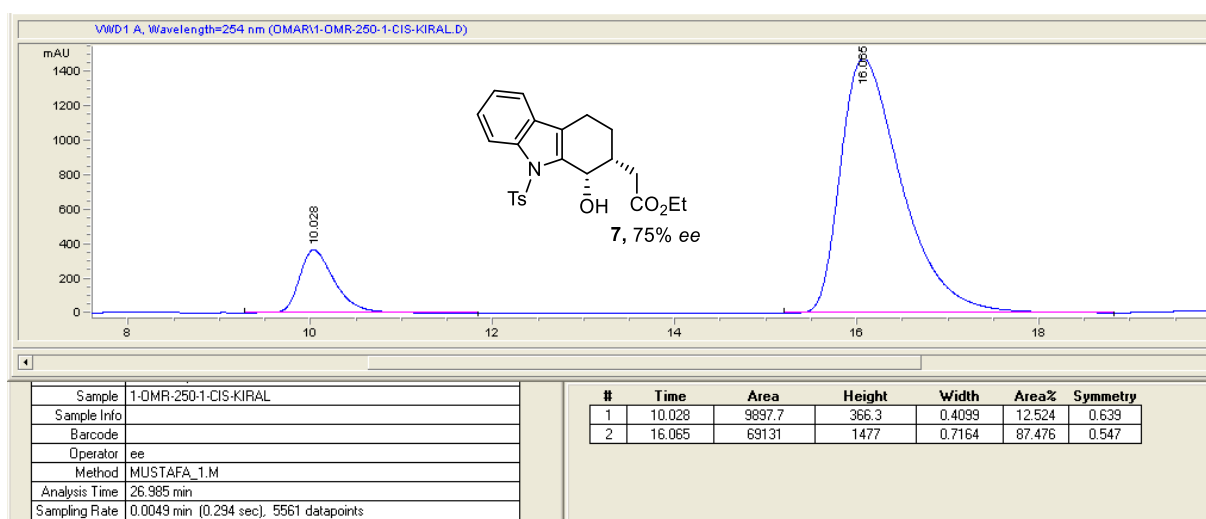


Figure S16: HPLC chromatogram of 7

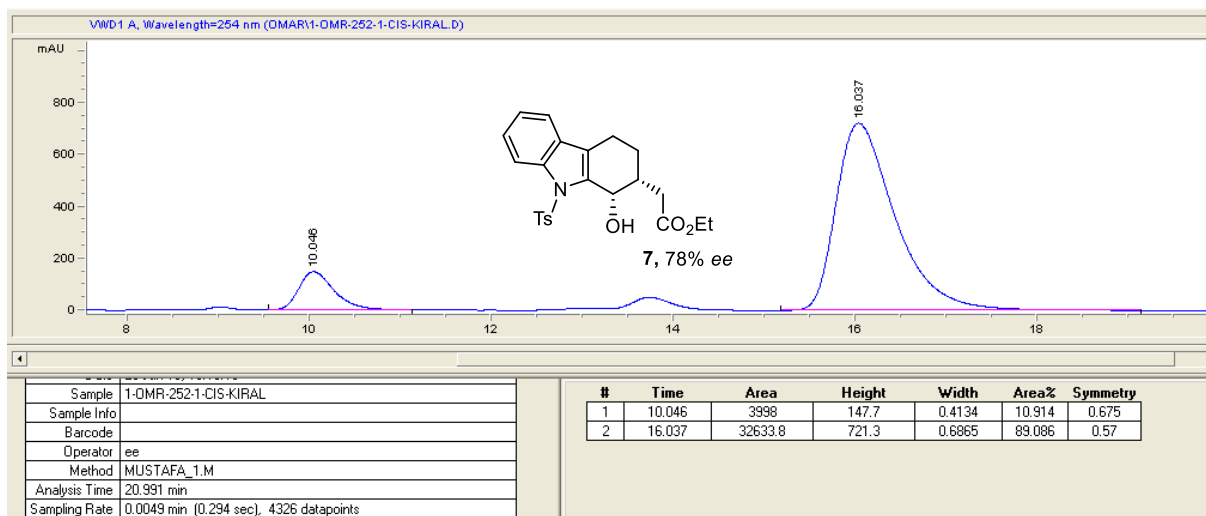


Figure S17: HPLC chromatogram of 7

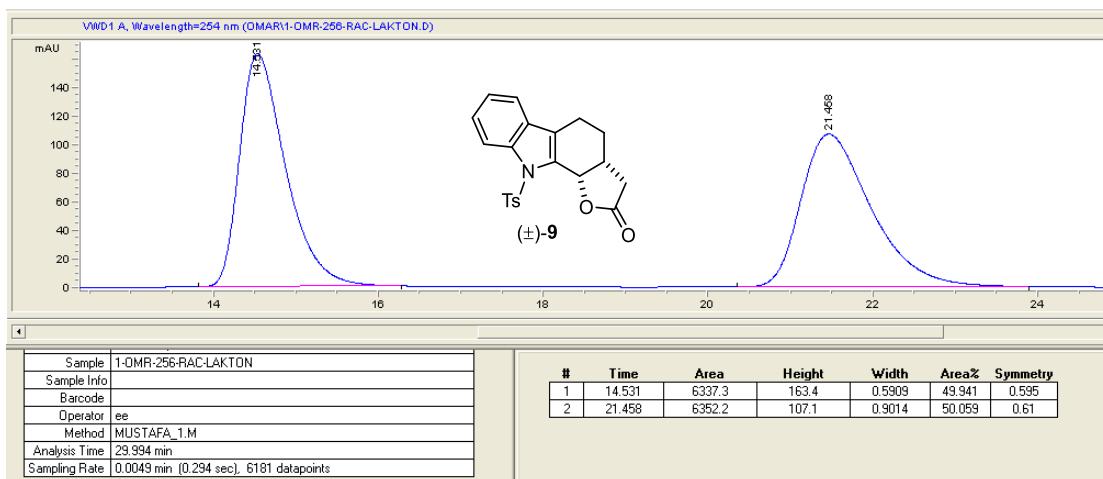


Figure S18: HPLC chromatogram of (±)-9

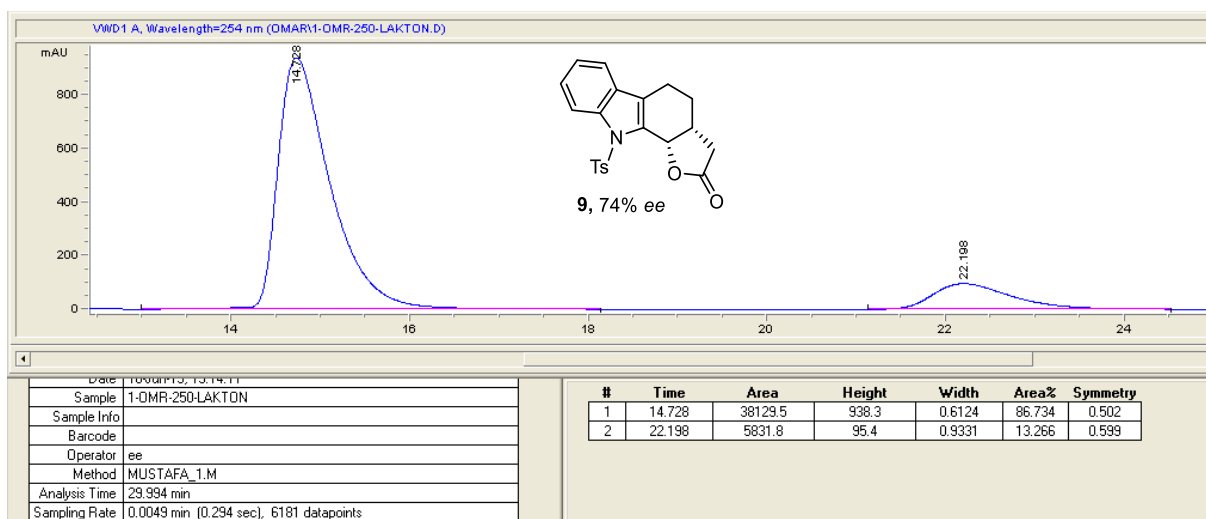


Figure S19: HPLC chromatogram of 9

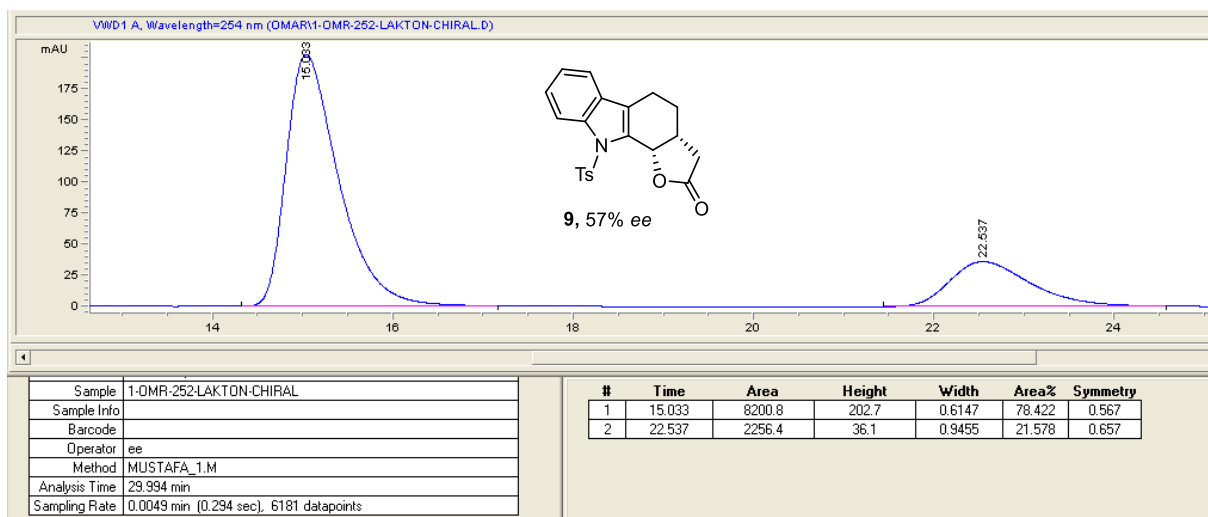


Figure S20: HPLC chromatogram of 9

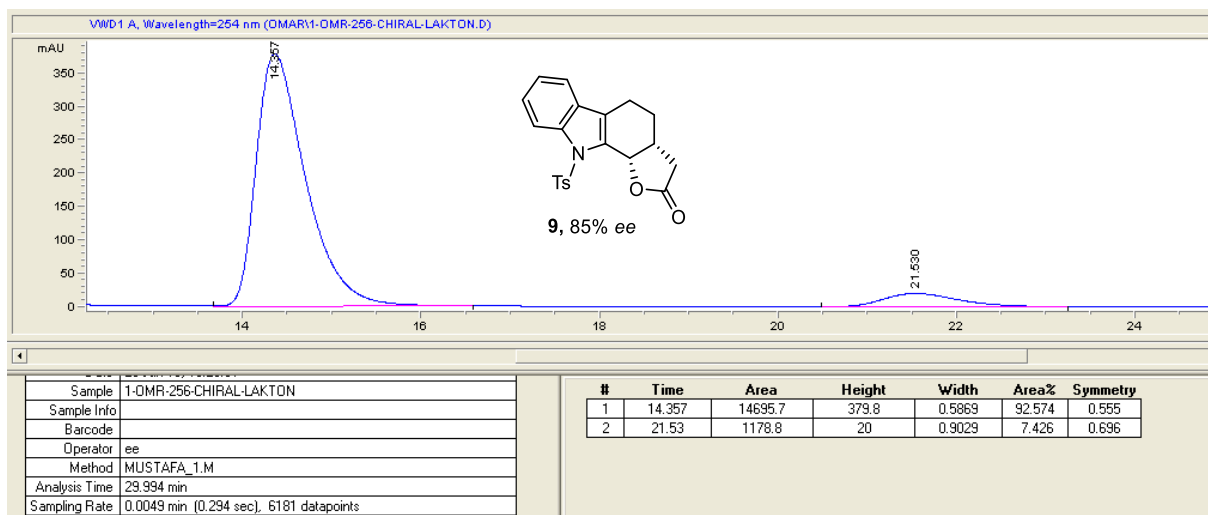


Figure S21: HPLC chromatogram of 9