

Transesterification of a natural epoxythymol is favored under alkaline conditions, preserving the enantiomeric purity

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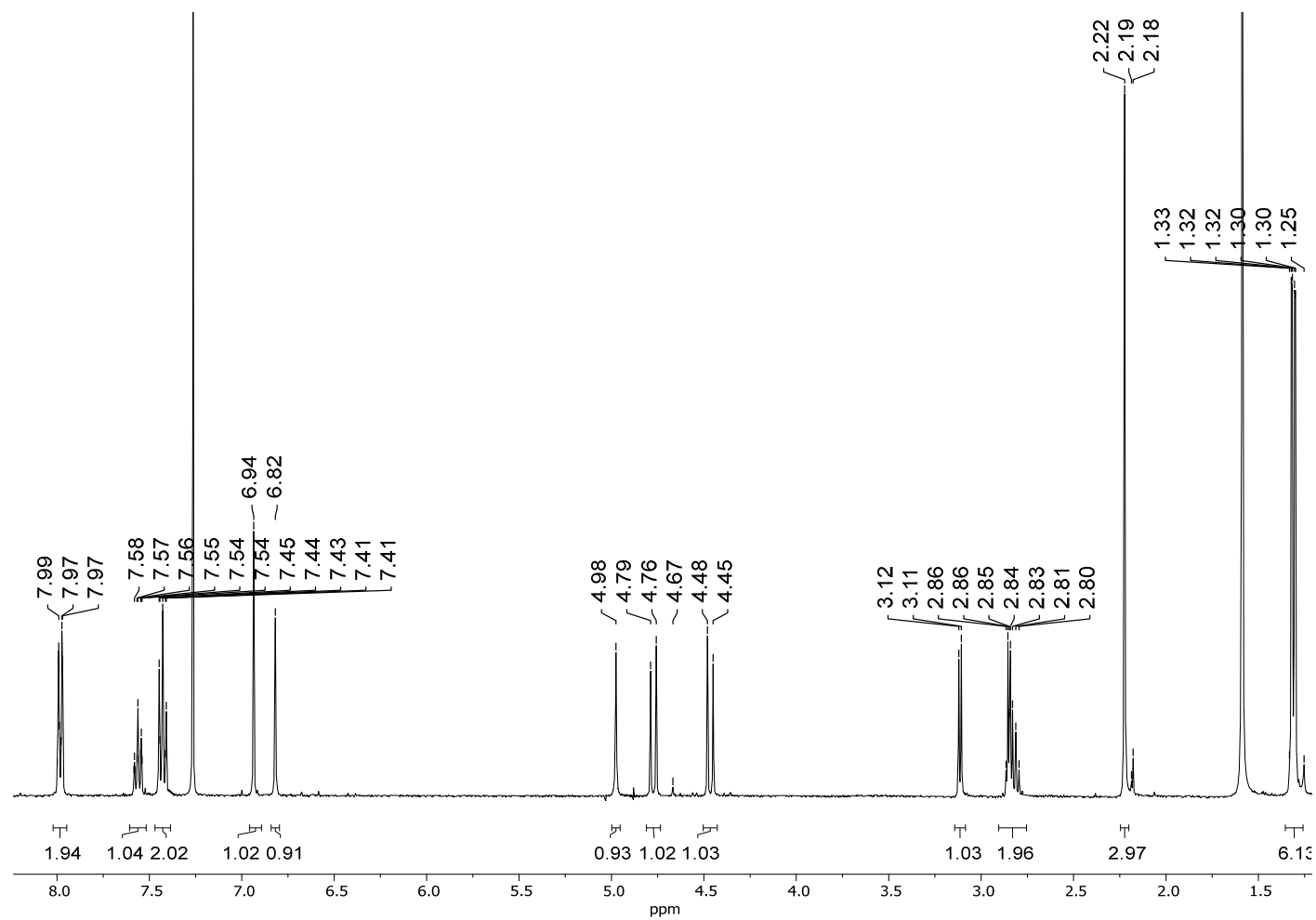


Figure S1. ^1H NMR spectrum of (+)-(8S)-10-Benzoyloxy-6-hydroxy-8,9-epoxythymol isobutyrate (**1**).

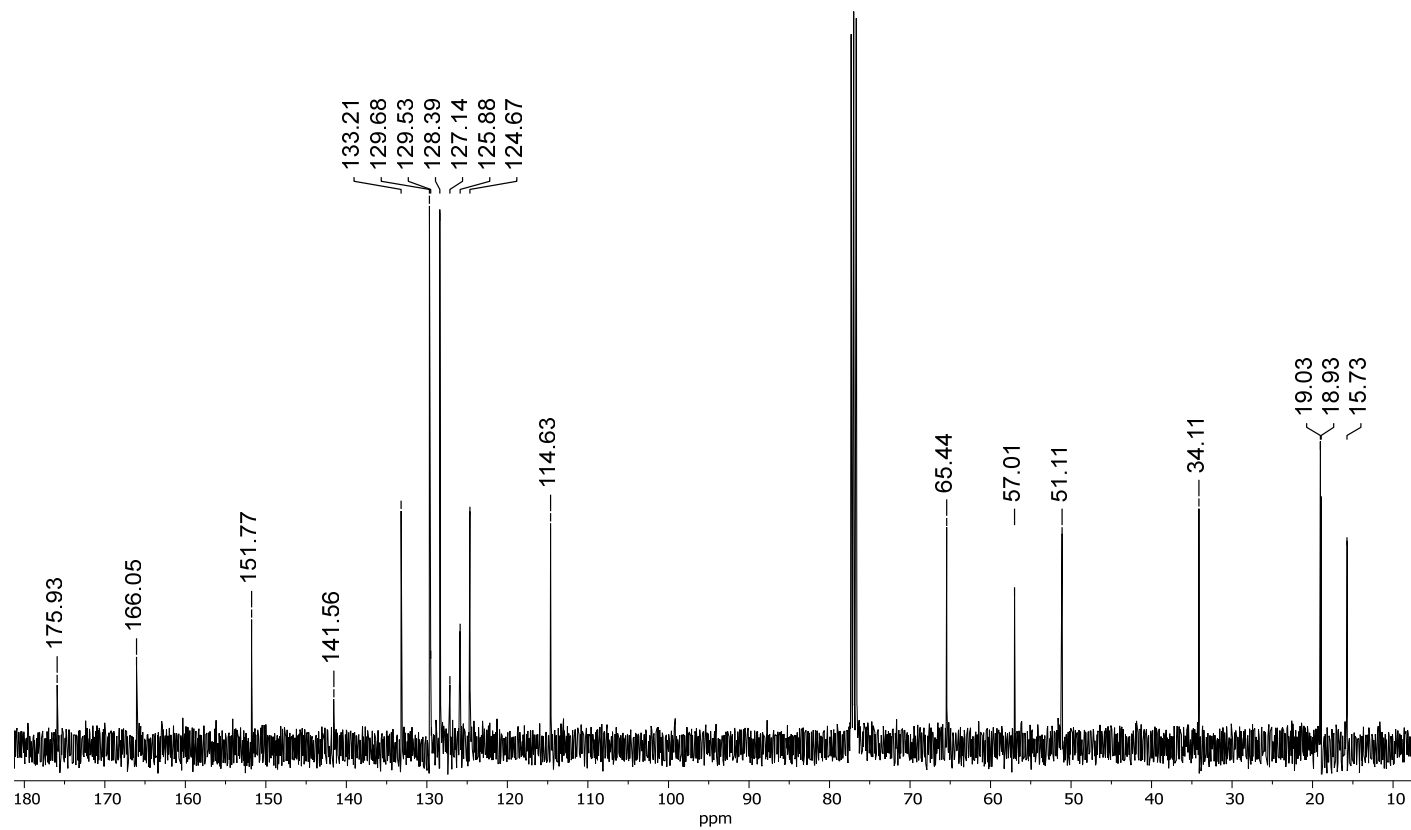


Figure S2. ¹³C NMR spectrum of (+)-(8S)-10-Benzoyloxy-6-hydroxy-8,9-epoxythymol isobutyrate (**1**).

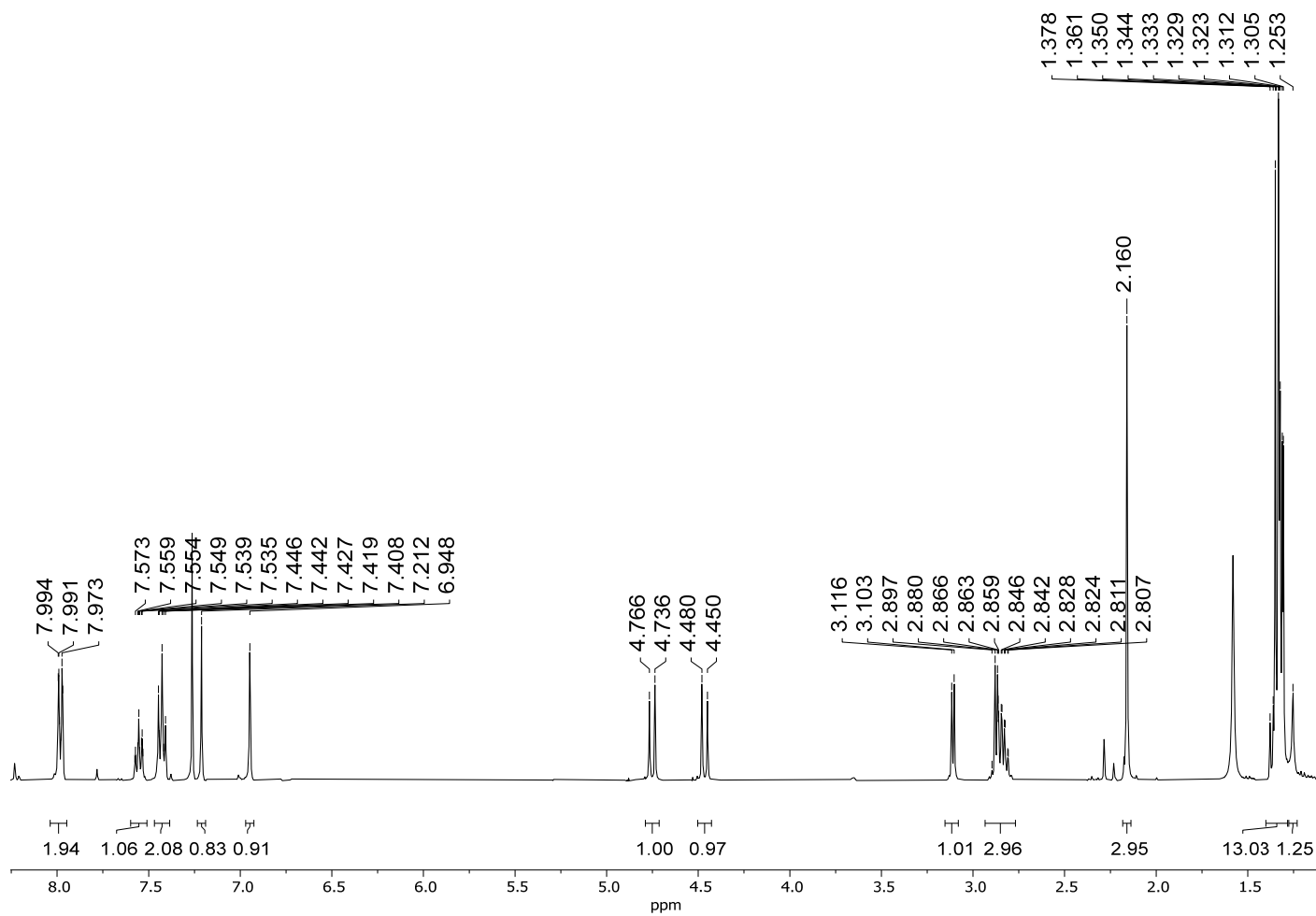


Figure S3. ¹H NMR spectrum of (8S)-10-benzoyloxy-6-isobutyryloxy-8,9-epoxithymol isobutyrate (2).

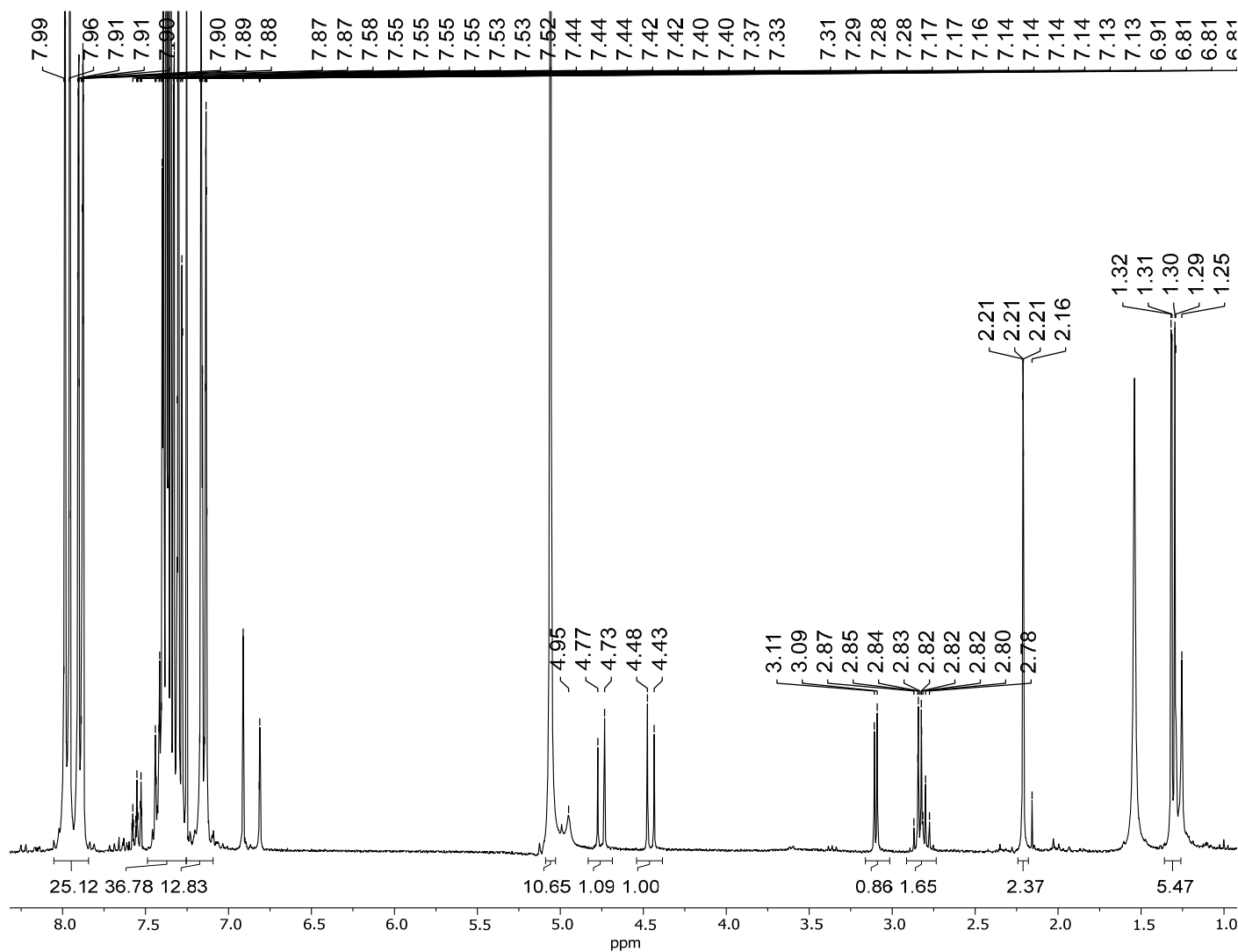


Figure S4. Optical purity analysis by ^1H NMR-BINOL methodology of (+)-(8S)-10-Benzoyloxy-6-hydroxy-8,9-epoxythymol isobutyrate (1).

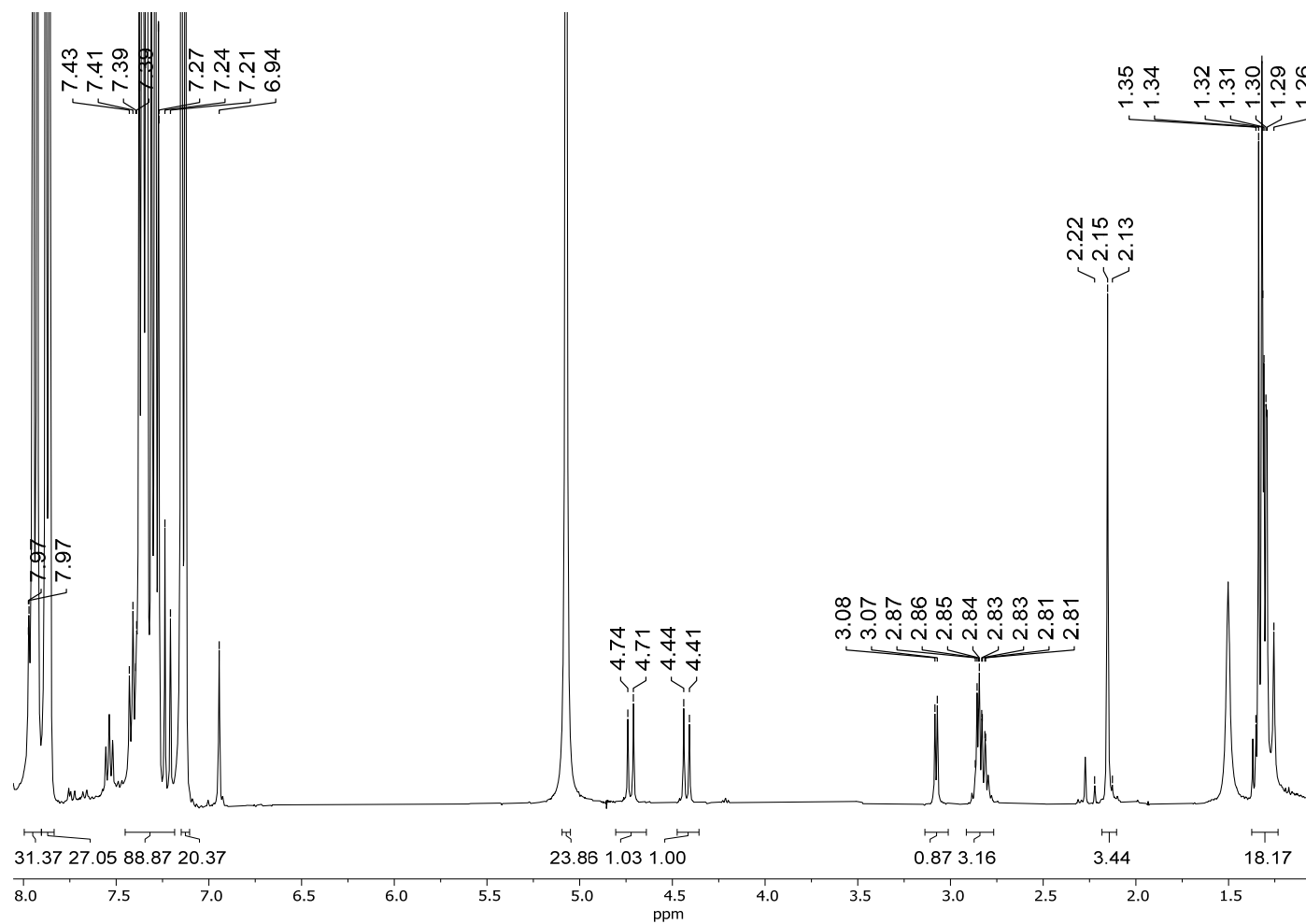


Figure S5. Optical purity analysis by ^1H NMR-BINOL methodology of (8S)-10-benzoyloxy-6-isobutyryloxy-8,9-epoxithymol isobutirate (2).

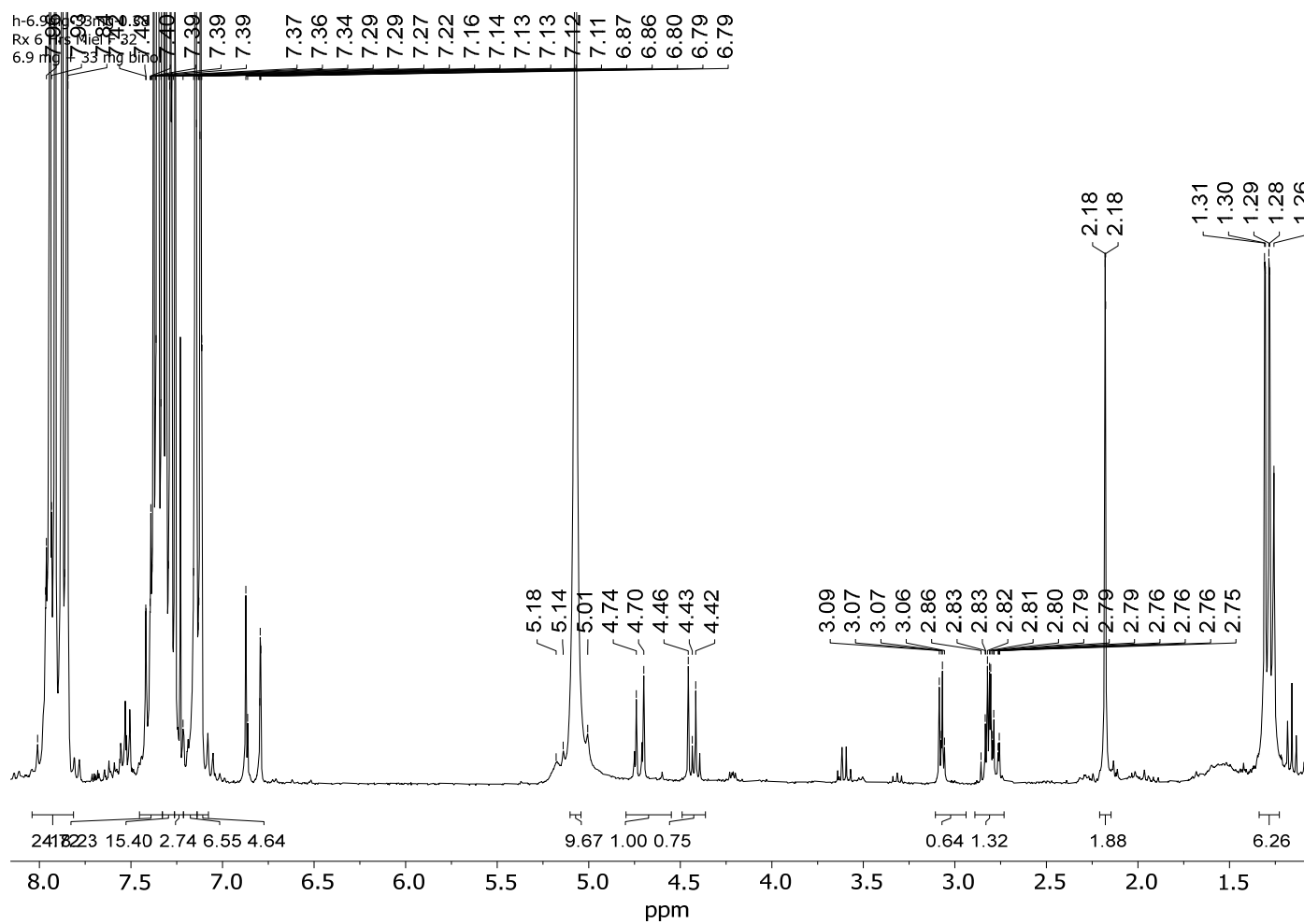


Figure S6. Optical purity analysis by ^1H NMR-BINOL methodology of deliberate escalemization of **1**.

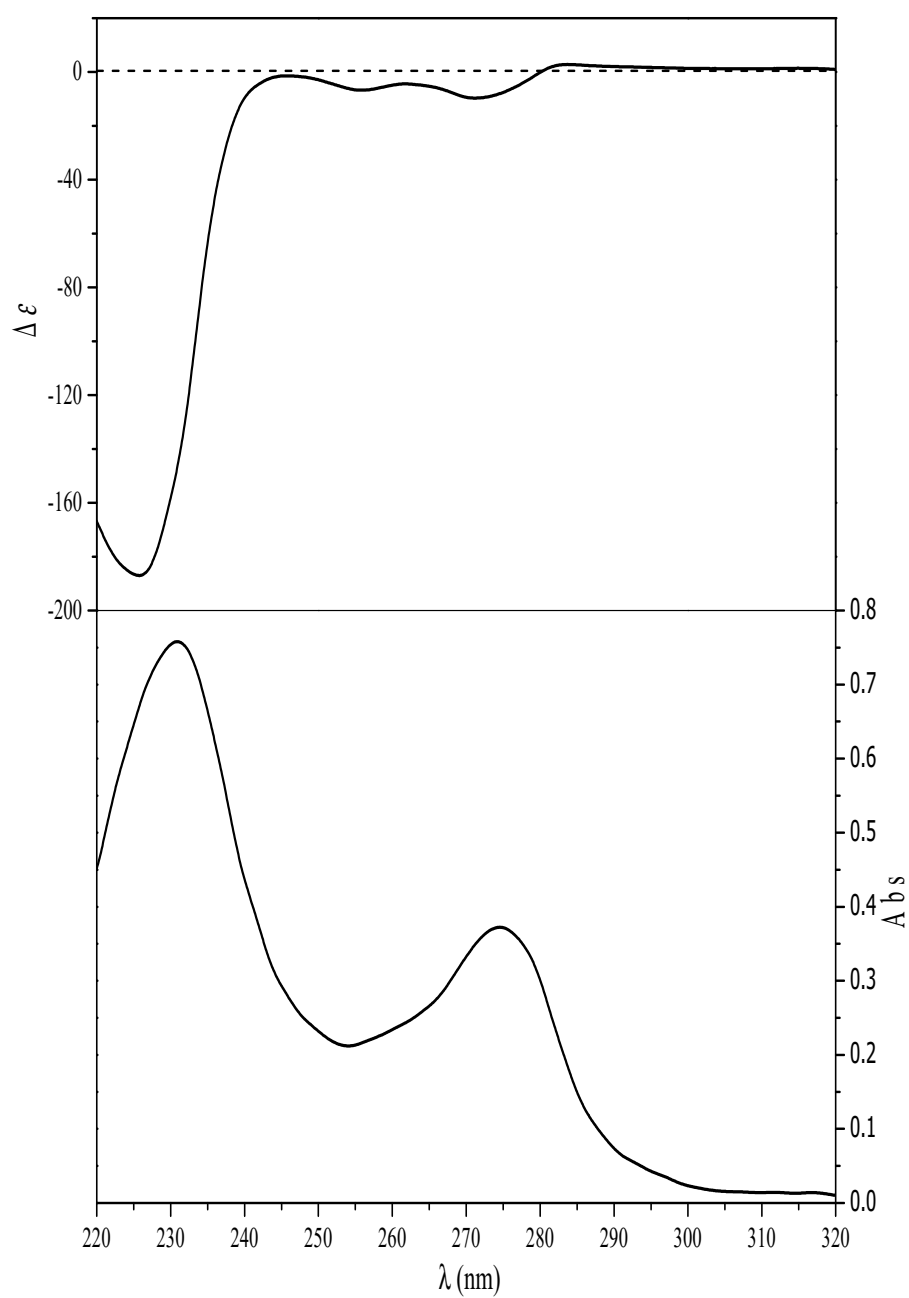


Figure S7. ECD and UV spectrum of **1**.