

Supplementary Information

A concise enantioselective synthesis of (*R*)-(+)-goniothalamine oxide, a trypanocidal active agent *via* L-prolinol catalyzed asymmetric epoxidation of cinnamaldehyde

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Selected Spectral data:

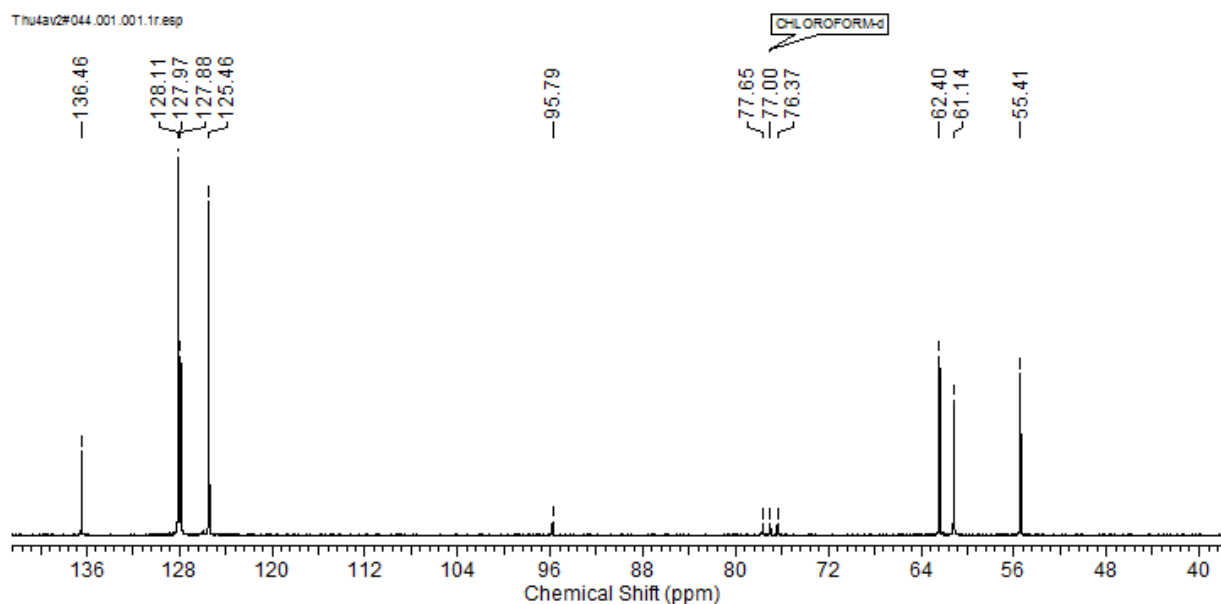
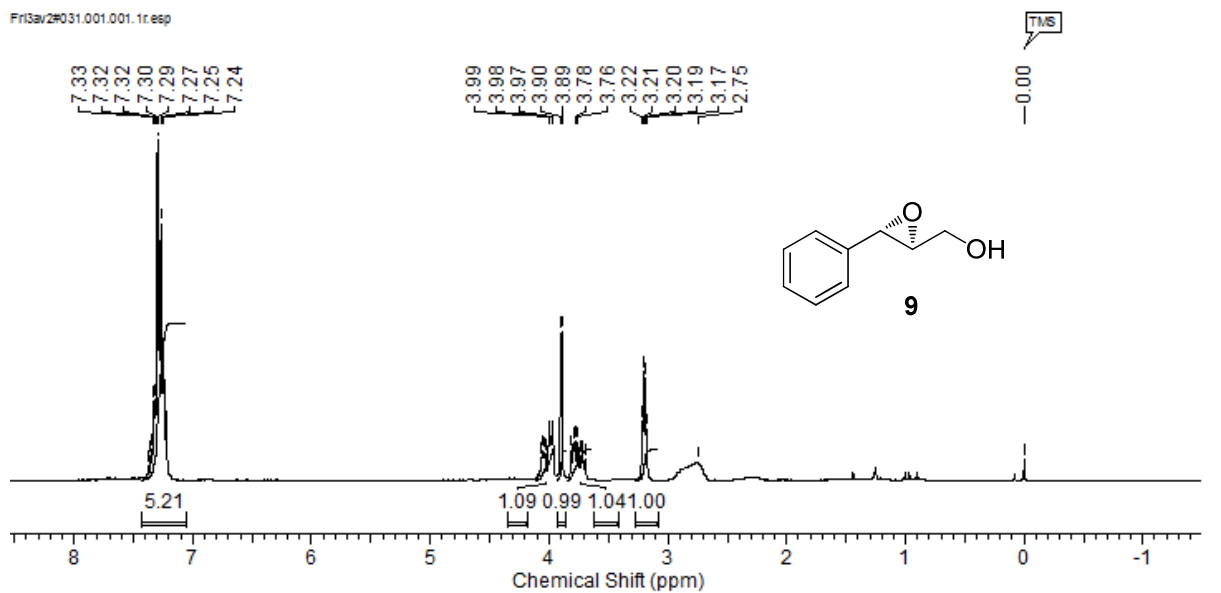


Fig. 1: ^1H and ^{13}C NMR spectra of epoxy alcohol **9**

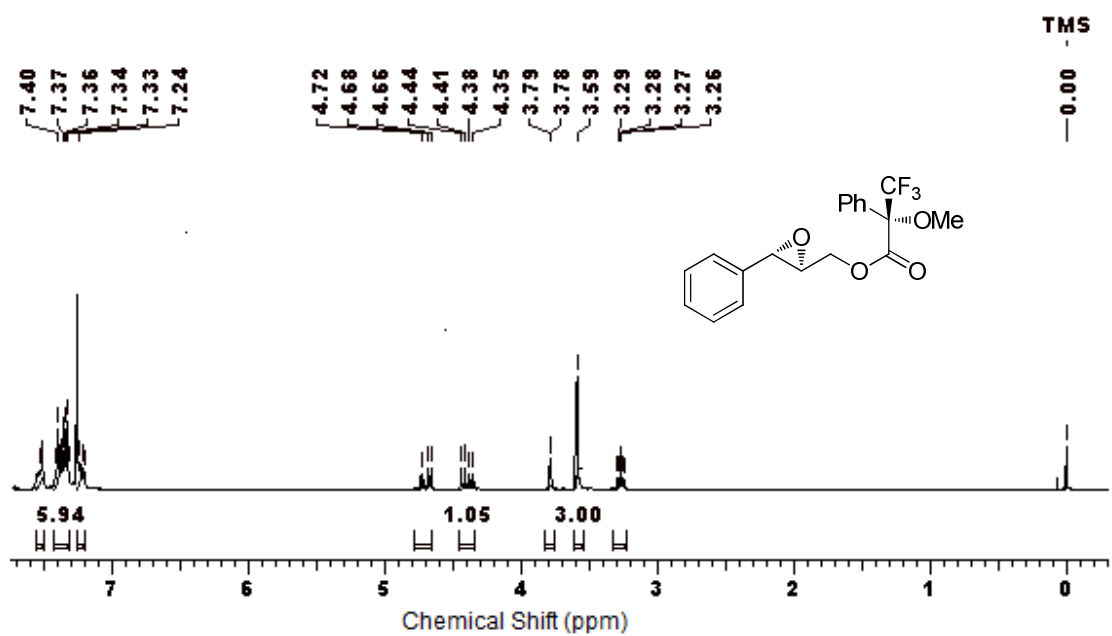


Fig. 2: ^1H NMR spectrum of Mosher's ester of epoxy alcohol **9**.

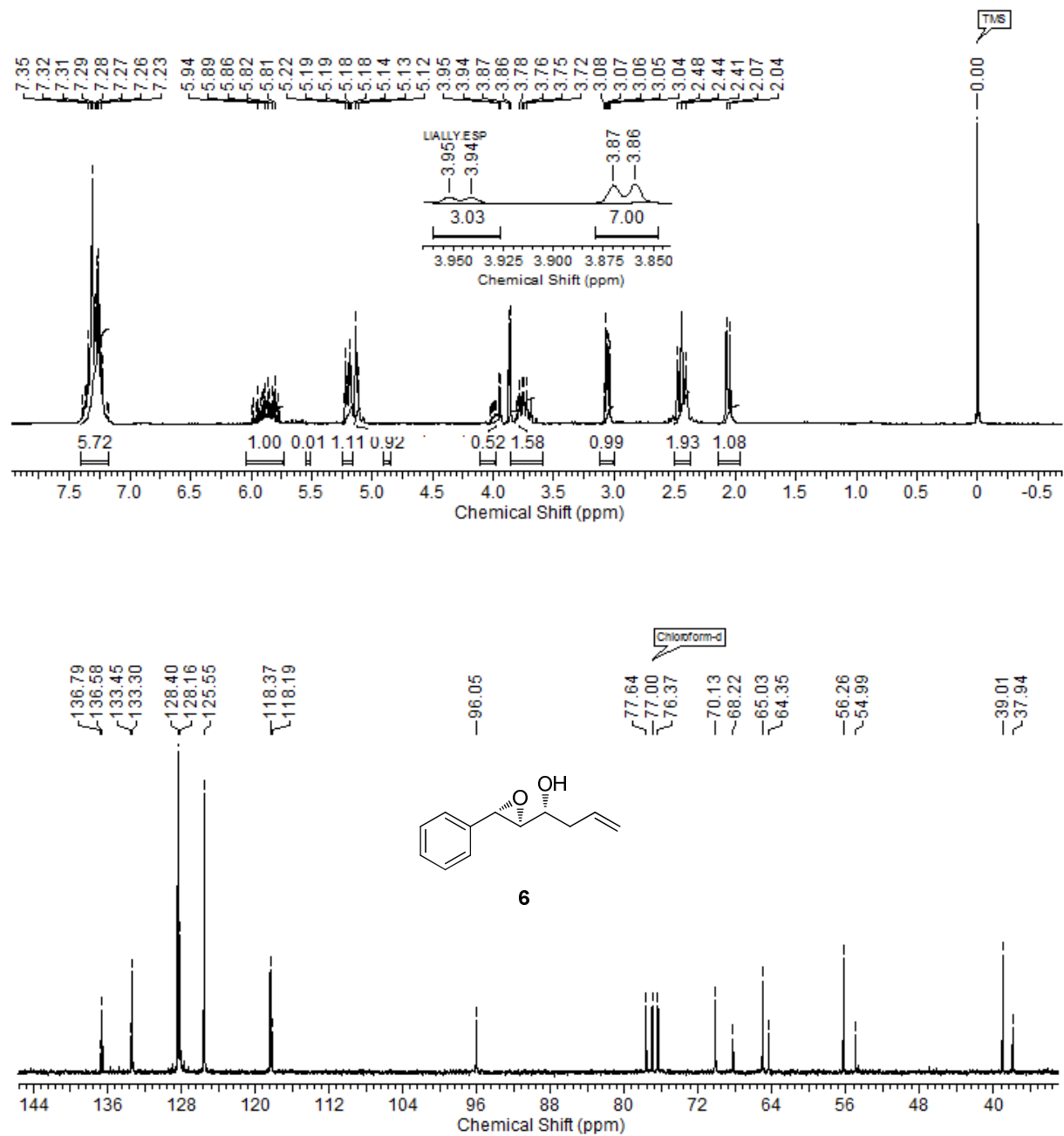


Fig. 3: ¹H and ¹³C NMR spectra of homoallylic alcohol **6**.

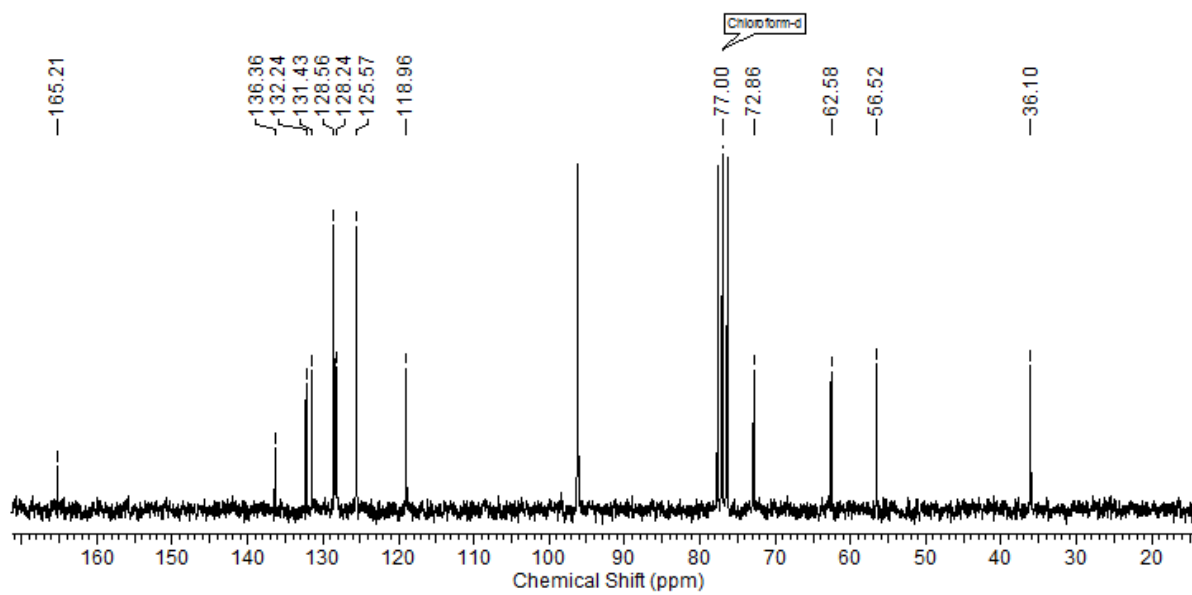
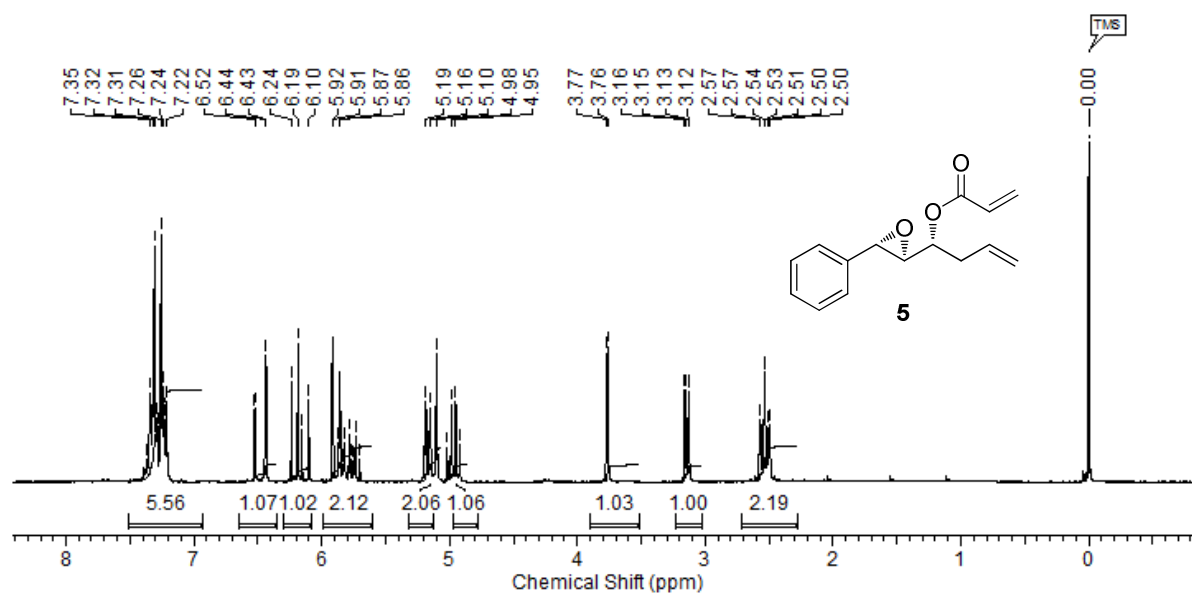


Fig. 4: ^1H and ^{13}C NMR spectra of acrylate ester **5**

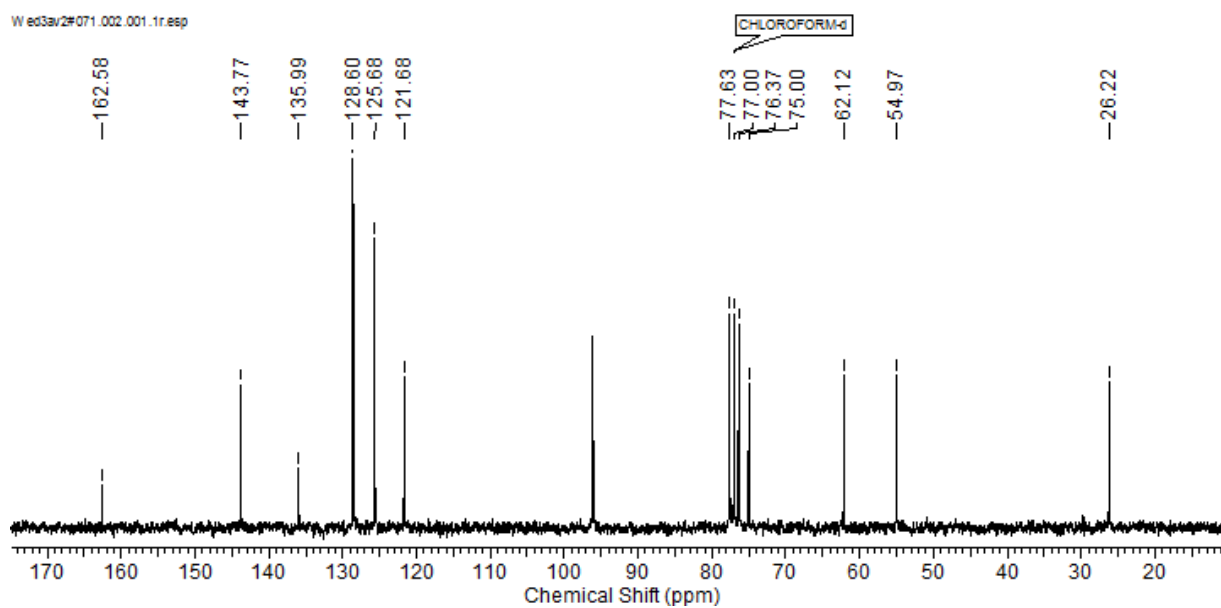
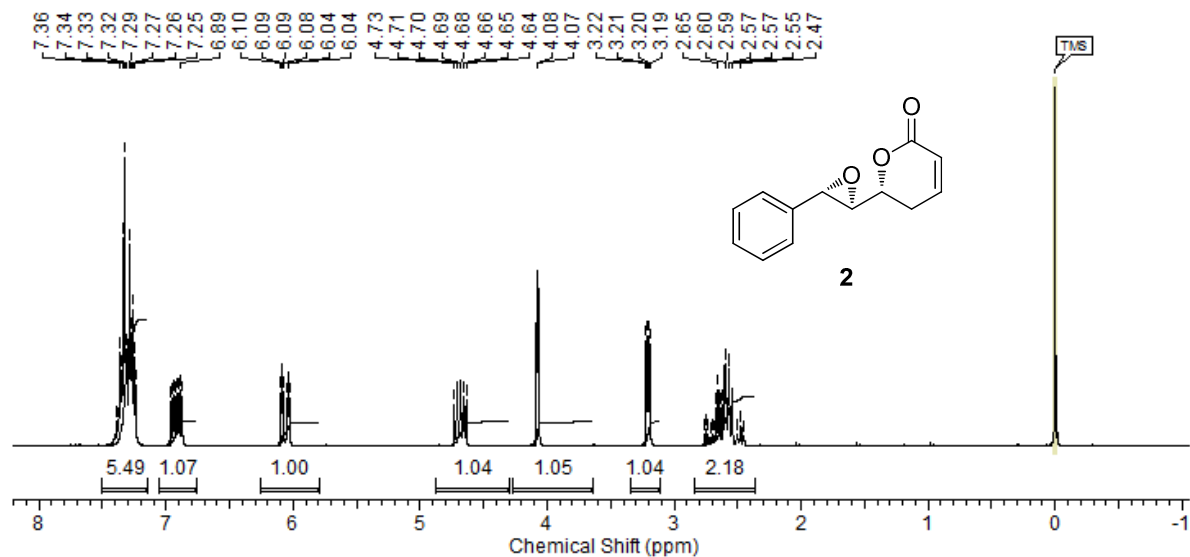


Fig. 5: ¹H and ¹³C NMR spectra of (R)-(+)-goniothalamin oxide (2).