Supplementary Data

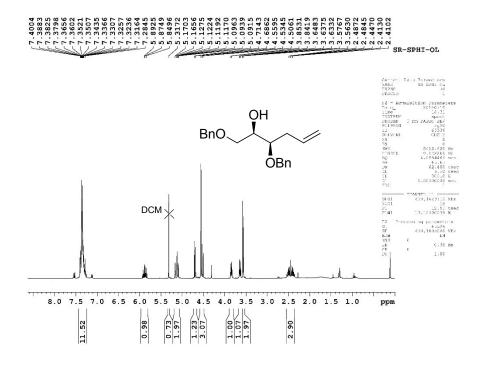
'Chiron' approach to stereoselective synthesis of Sphinganine and unnatural Safingol, an antineoplastic and antipsoriatic agent

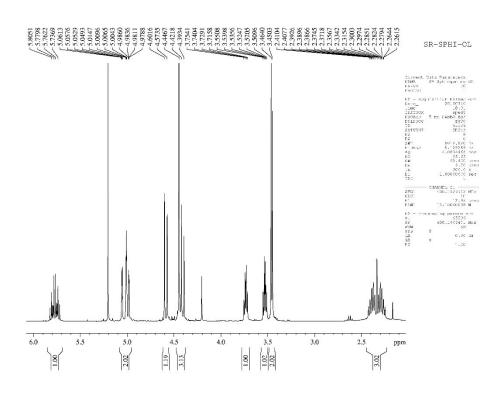
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Division of Medicinal and Process Chemistry, CSIR-Central Drug Research Institute, Lucknow 226 031, India.

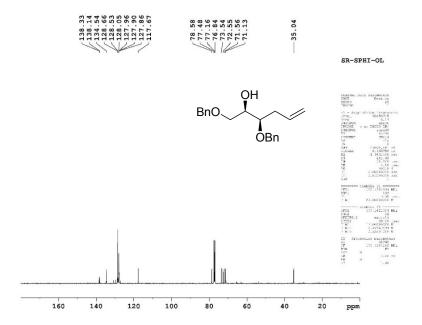
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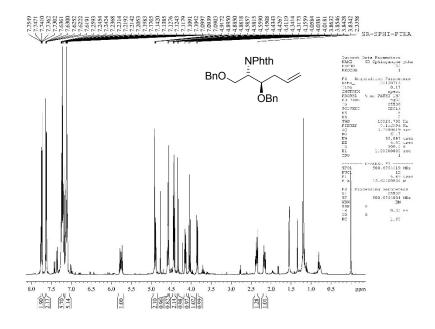




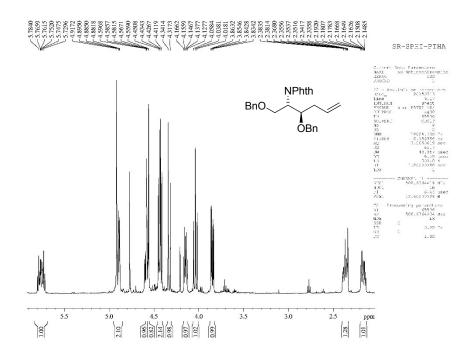
¹H NMR Spectra of Compound 4

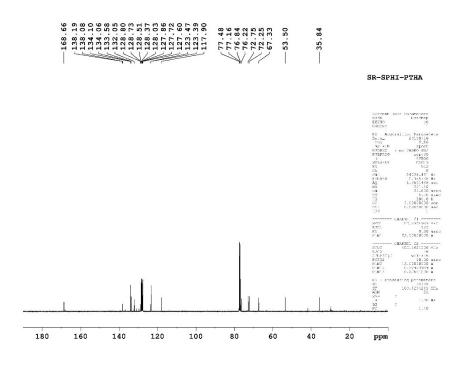


¹³CNMR Spectrum of Compound 4

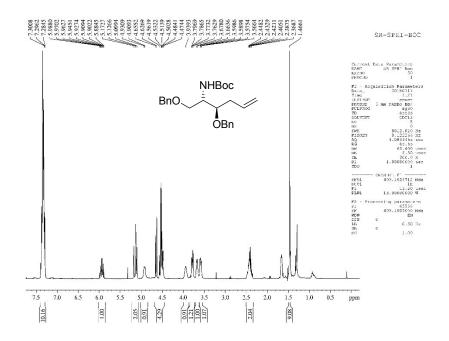


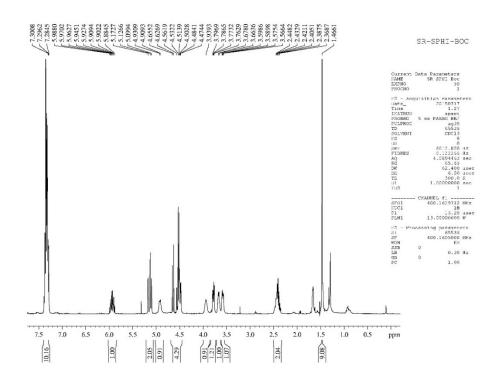
¹H NMR Spectrum of Compound 5



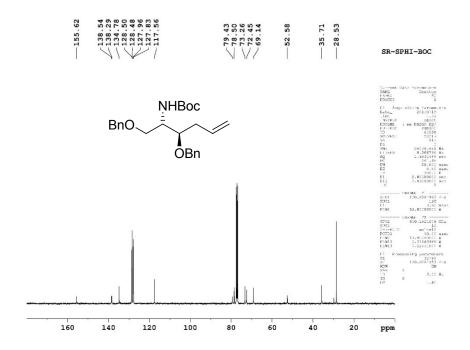


¹H and ¹³CNMR Spectra of Compound 5

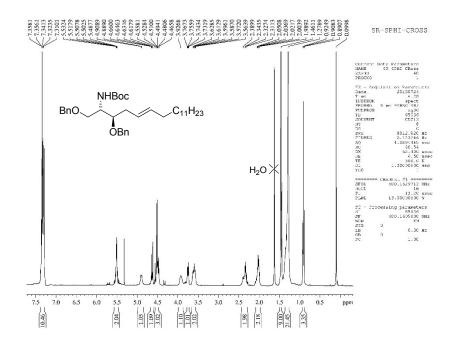




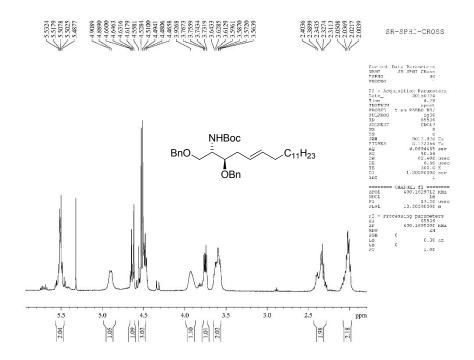
¹H NMR Spectra of Compound 7

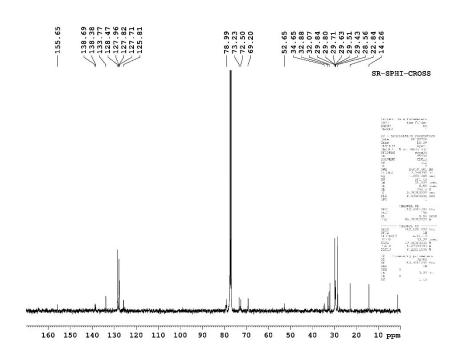


¹³CNMR Spectrum of Compound 7

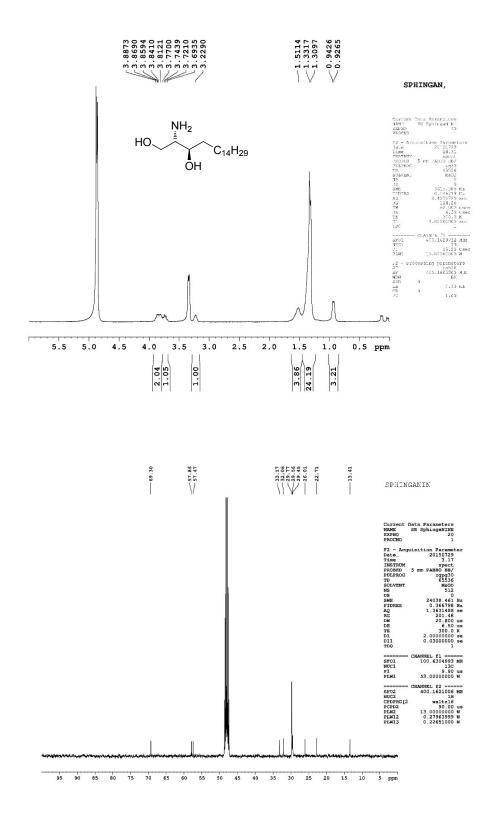


¹H NMR Spectra of Compound 8

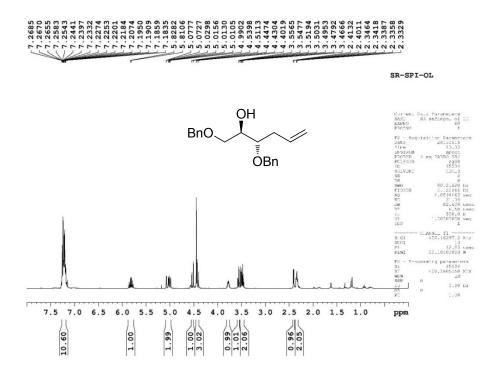


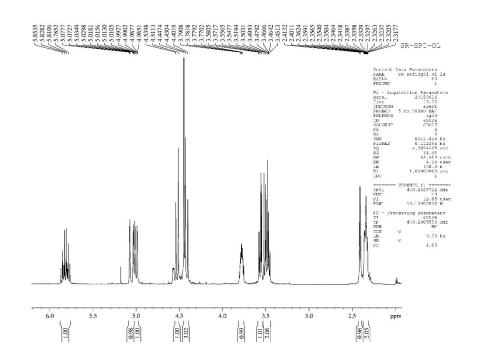


¹H and ¹³CNMR Spectra of Compound 8

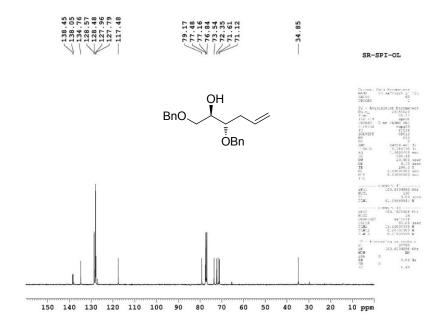


¹H and ¹³CNMR Spectra of Sphinganine 1

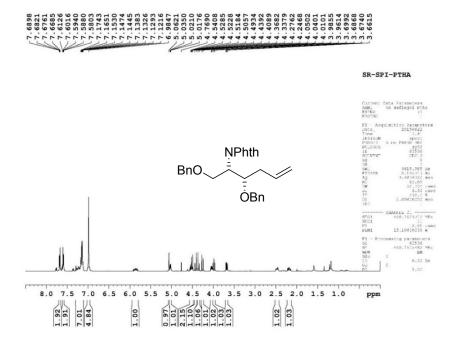




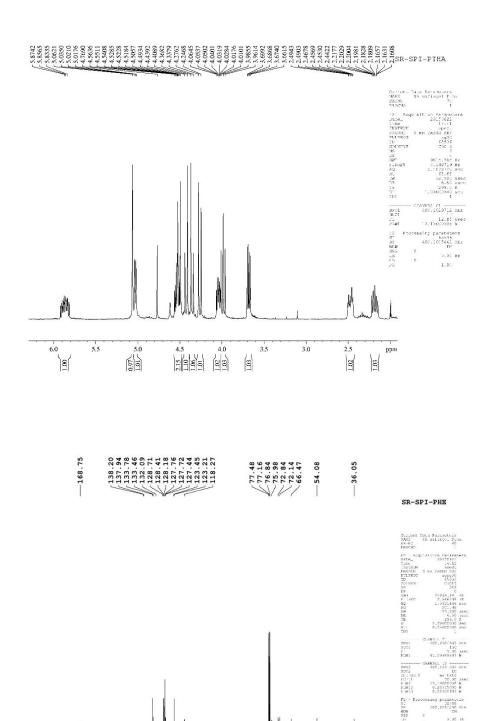
¹H NMR Spectra of Compound 12



¹³C NMR Spectrum of Compound 12



¹H NMR Spectrum of Compound 13

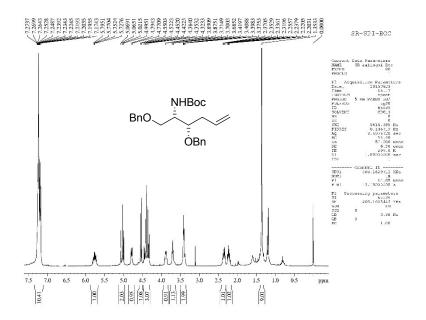


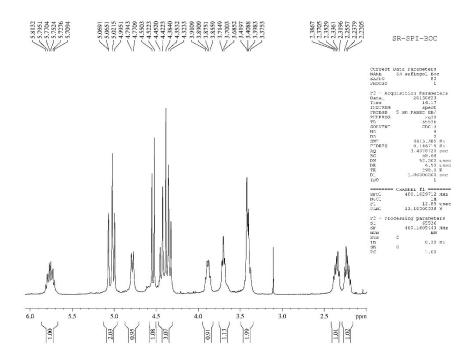
¹H and ¹³CNMR Spectra of Compound 13

80

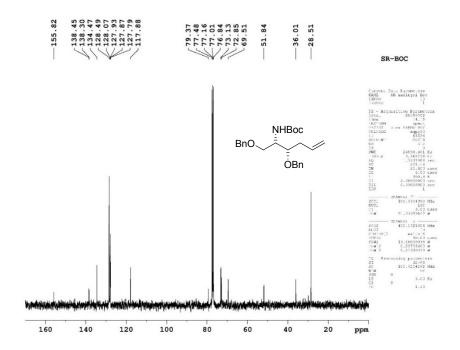
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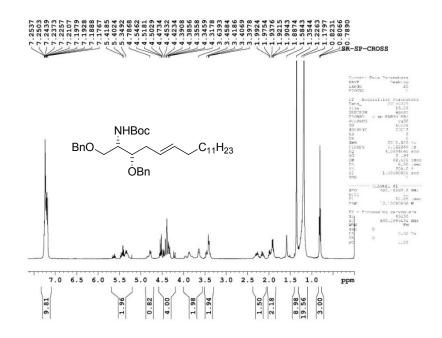




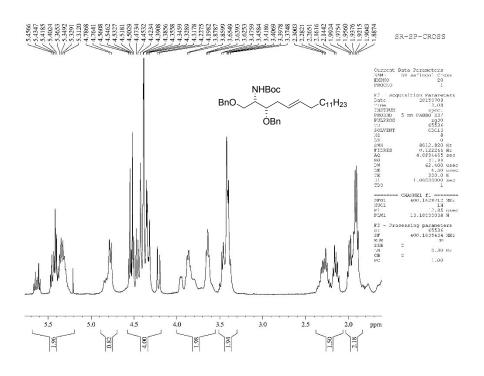
¹H NMR Spectra of Compound 15

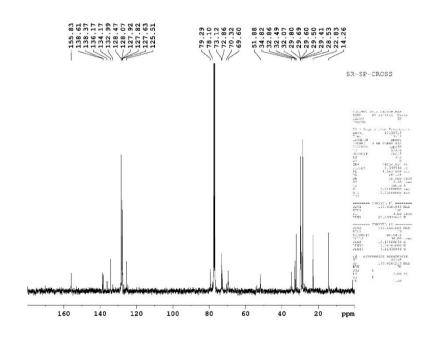


¹³CNMR Spectrum of Compound 15

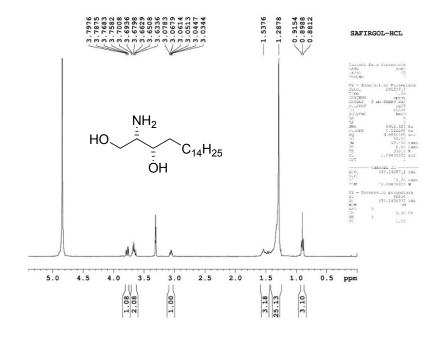


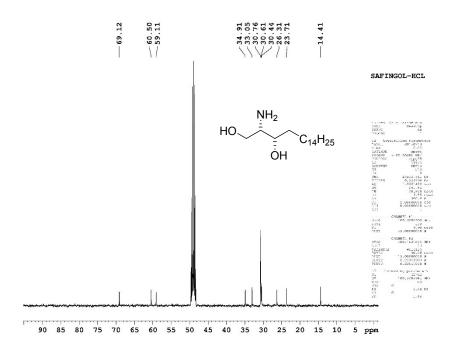
¹H NMR Spectra of Compound 16



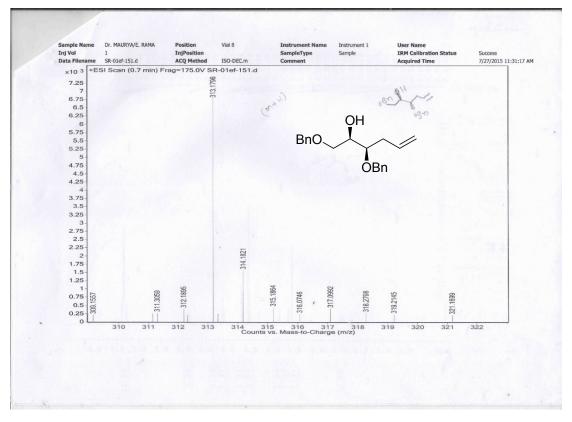


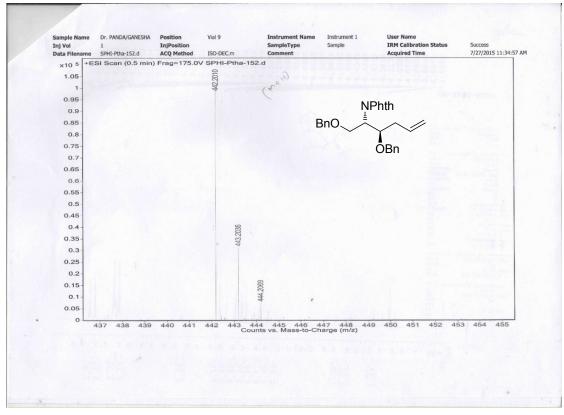
¹³C NMR Spectra of Compound 16



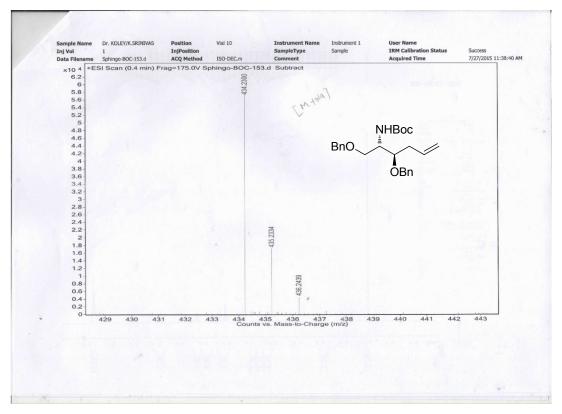


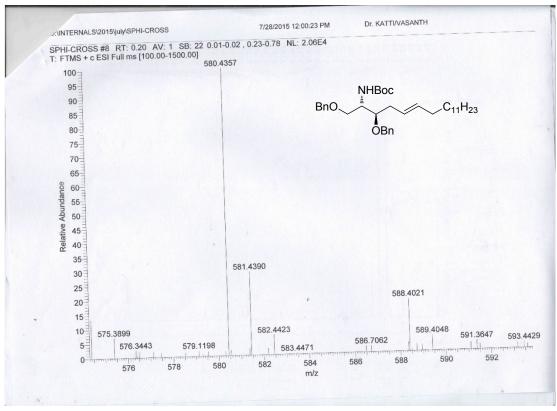
¹H and ¹³C NMR Spectra of Safingol 17



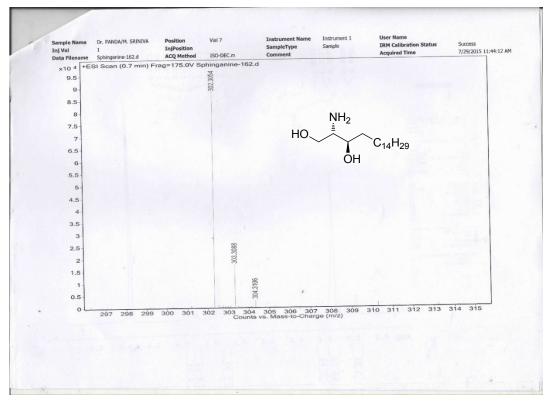


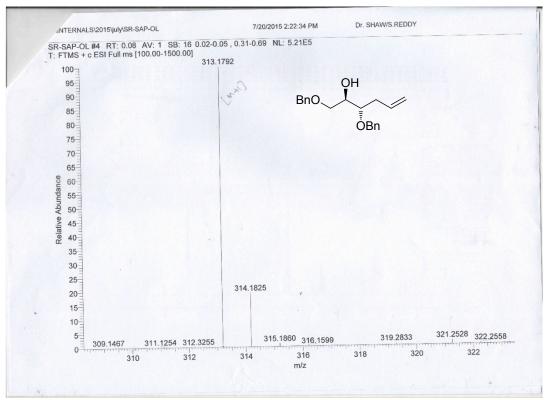
HRMS Spectra of compounds 4 and 5



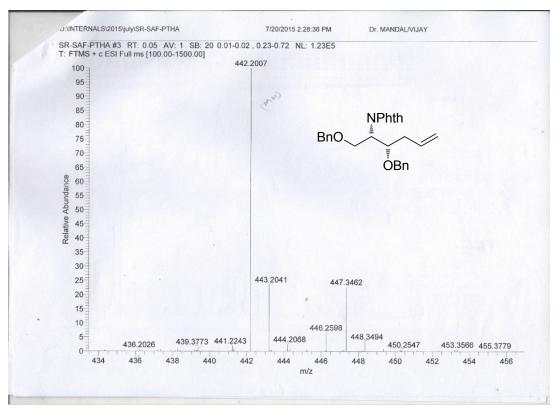


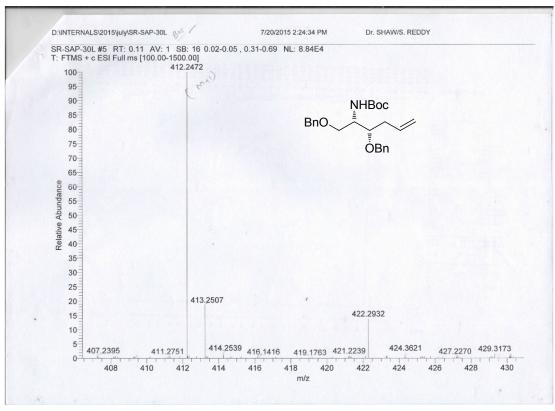
HRMS Spectra of compounds 7 and 8



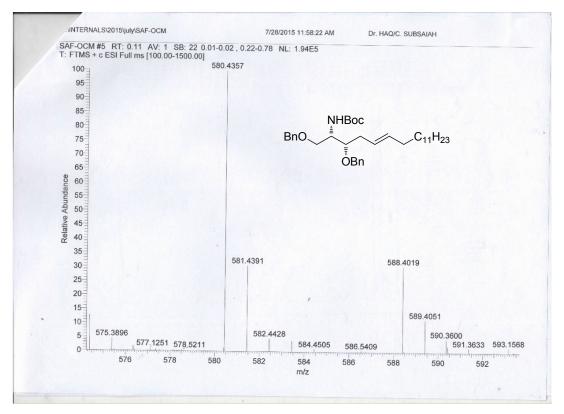


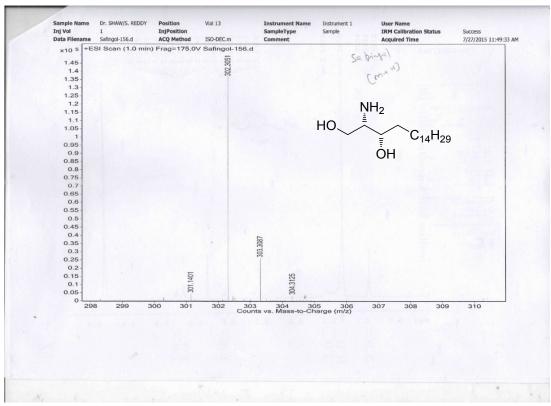
HRMS Spectra of compounds 1(Sphinganine) and 12





HRMS Spectra of compounds 13 and 15





HRMS Spectra of compounds 16 and 17(Safingol)