

Supplementary Material

Bioactive Phytochemicals: Efficient Synthesis of Optically Active Substituted Flav-3- enes and Flav-3-en-3-*O*-derivatives

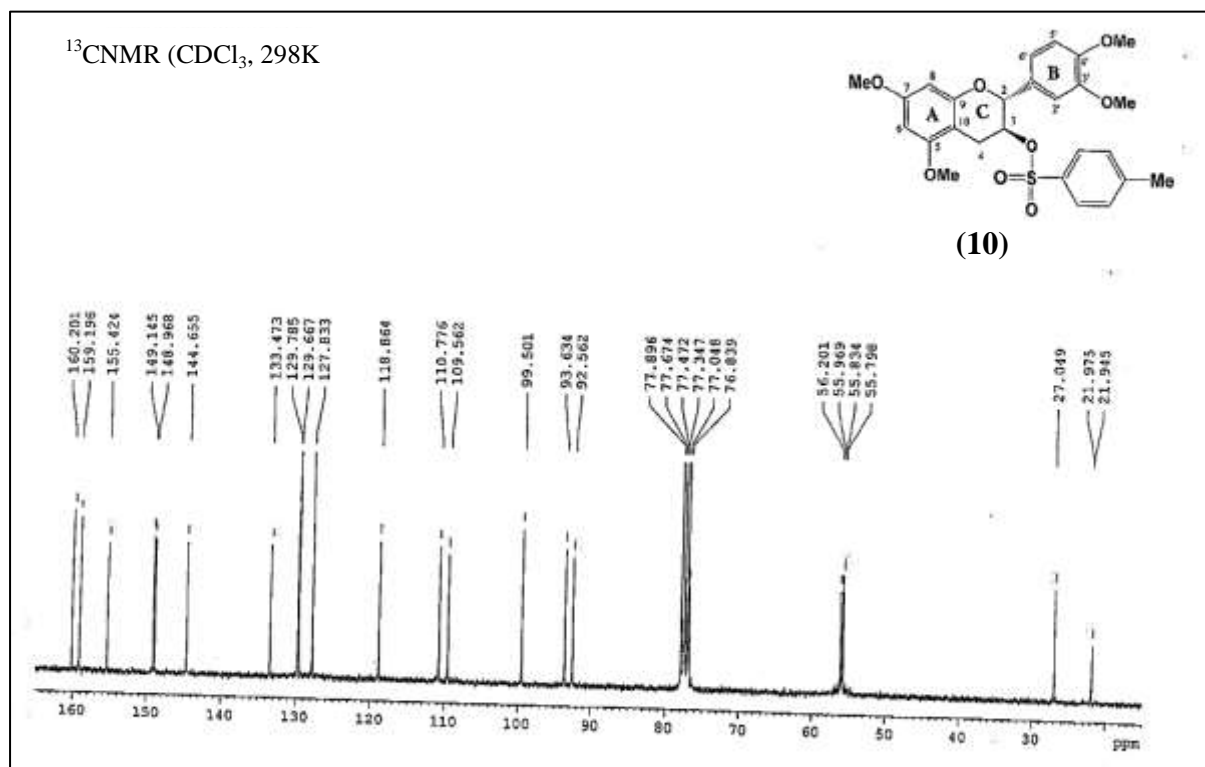
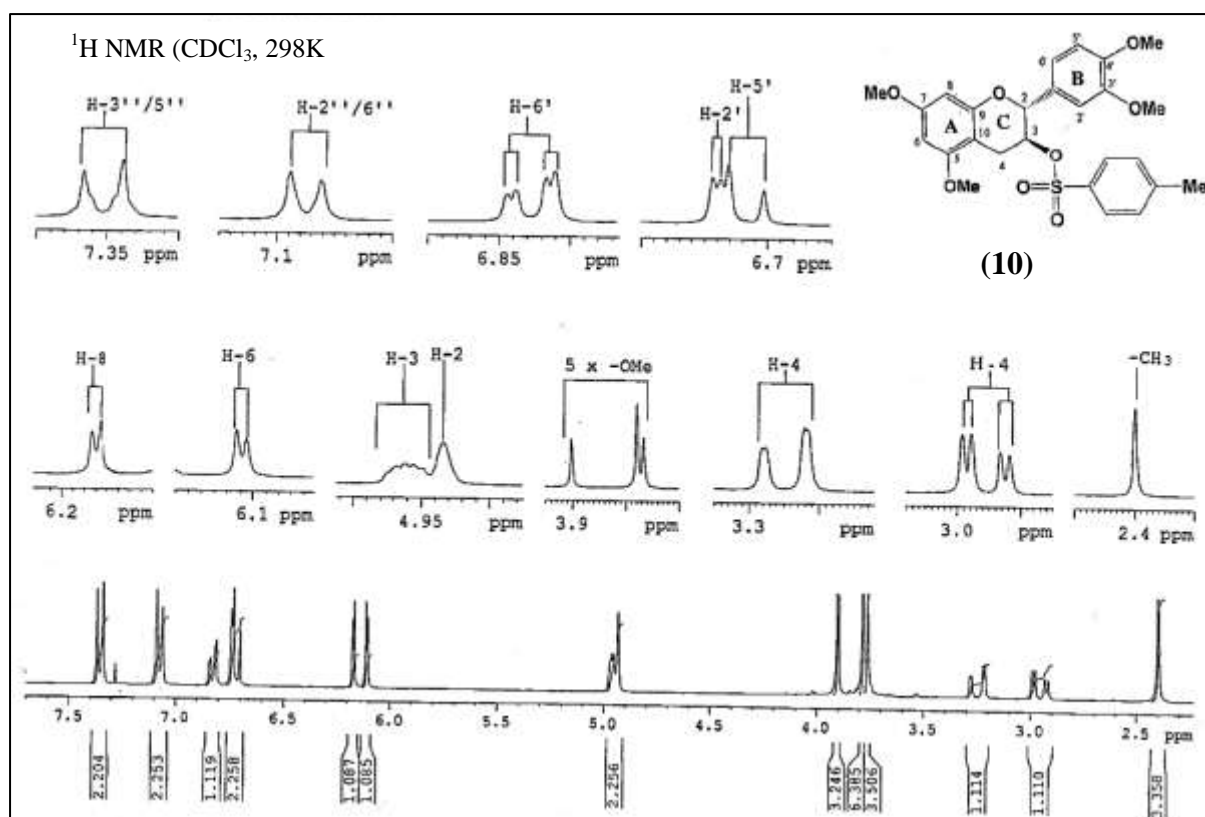
Matthew Chilaka Achilonu,^{1,2} Moosa Mahmood Sedibe,² and Karabo Shale¹

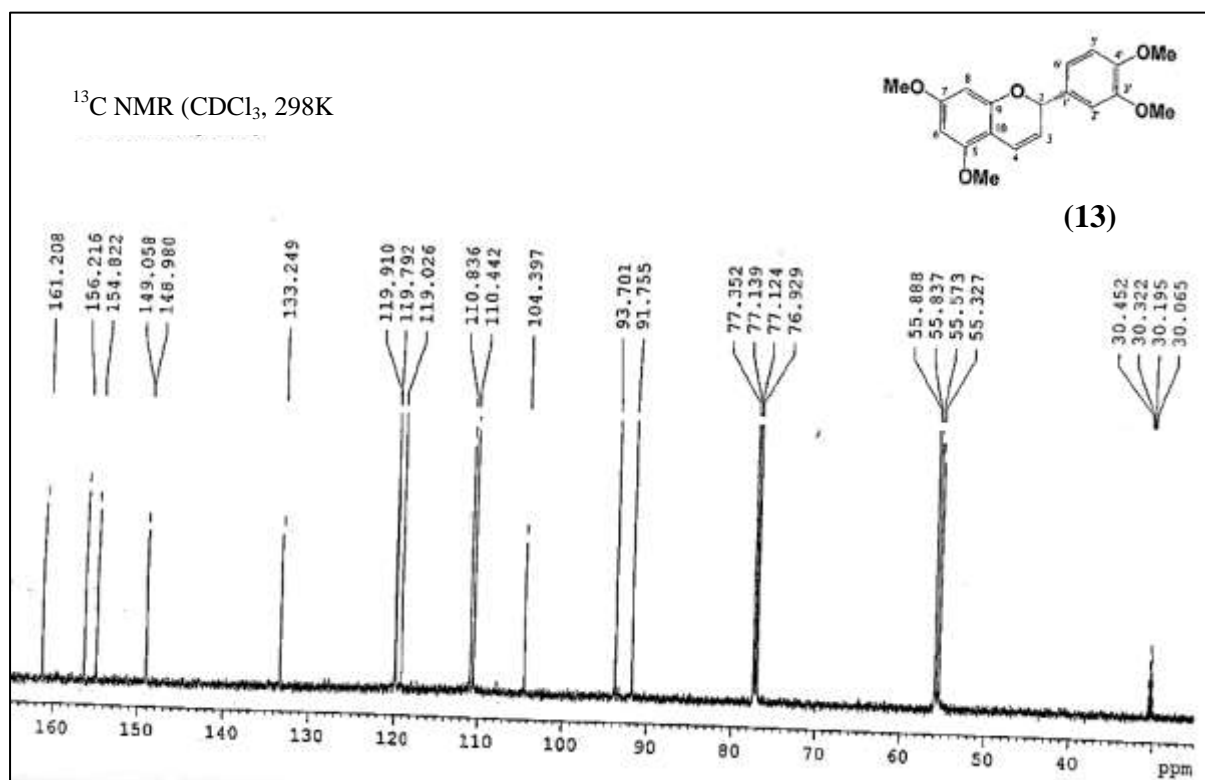
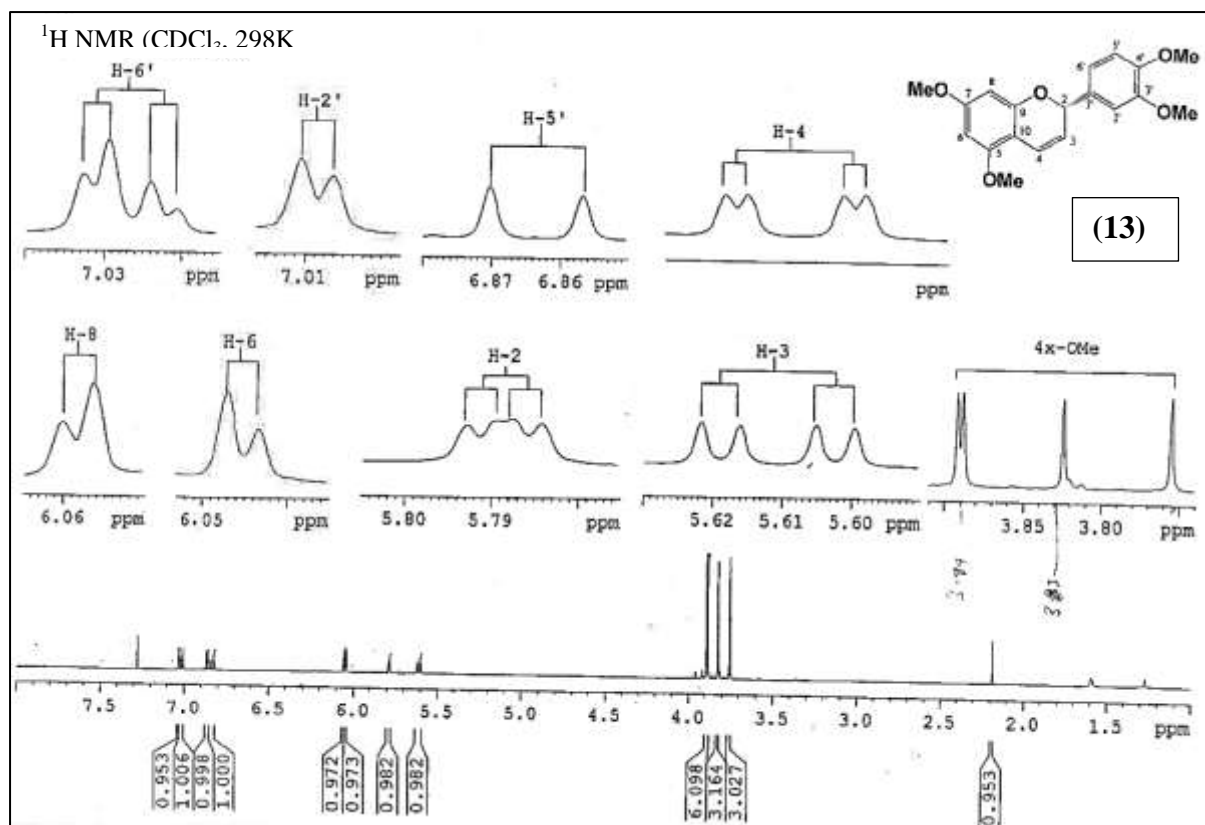
¹Faculty of Natural Sciences, Mangosuthu University of Technology, Umlazi, Durban, KwaZulu Natal, South Africa

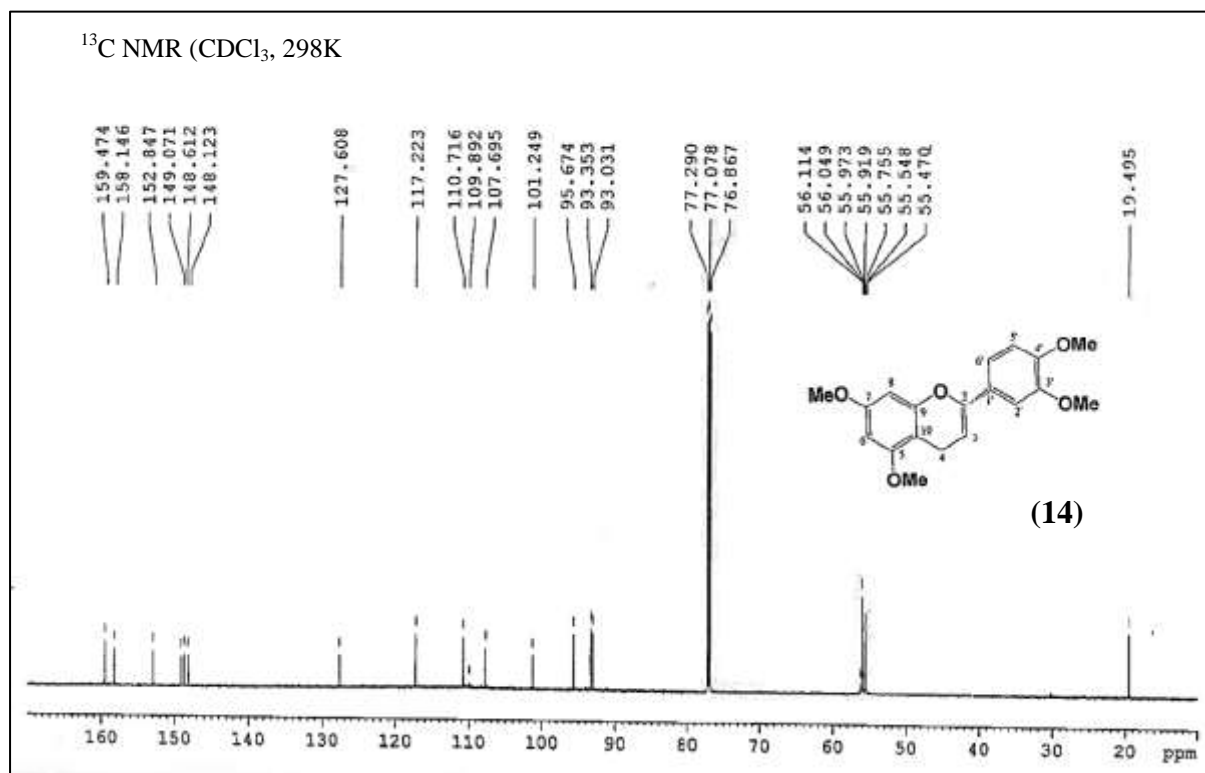
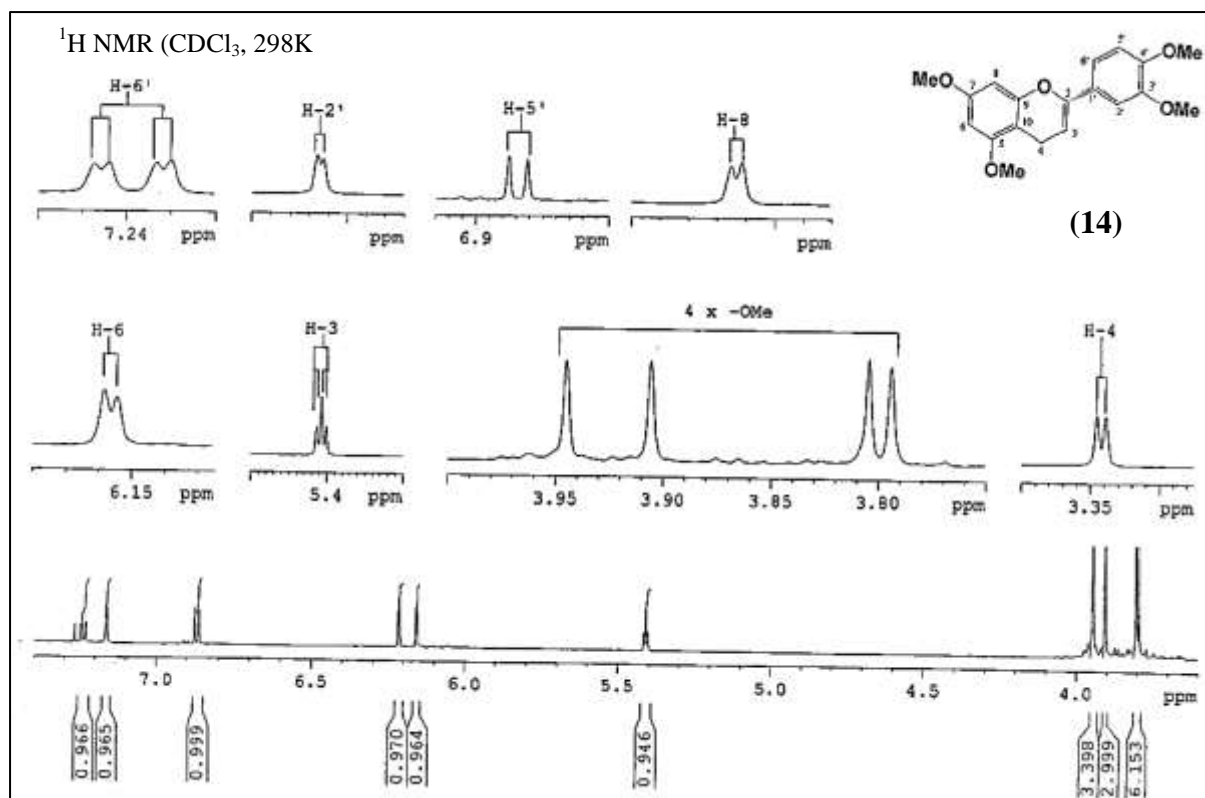
²Department of Agriculture, Faculty of Health and Environmental Sciences, Central University of Technology, Free State, 1 Park Road, Bloemfontein 9301, South Africa

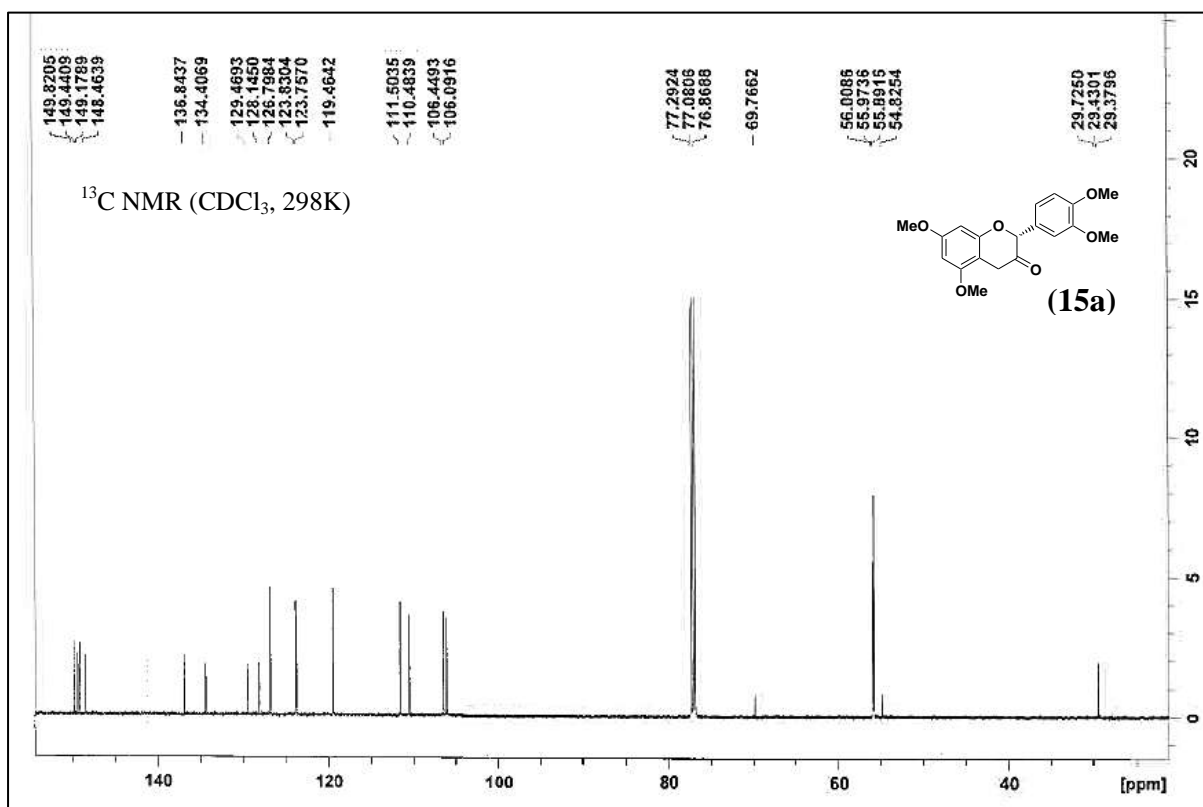
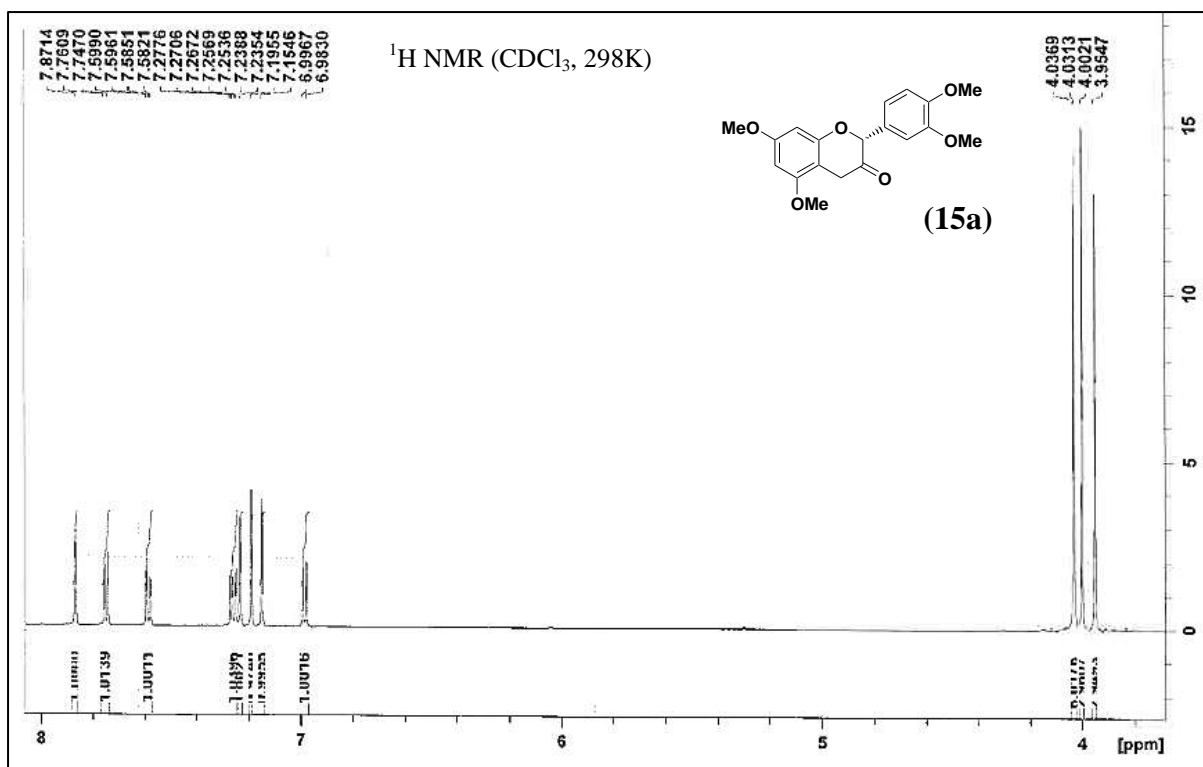
Author to whom correspondence should be addressed; E-Mail: mcachilonu@yahoo.co.uk; machilonu@cut.ac.za

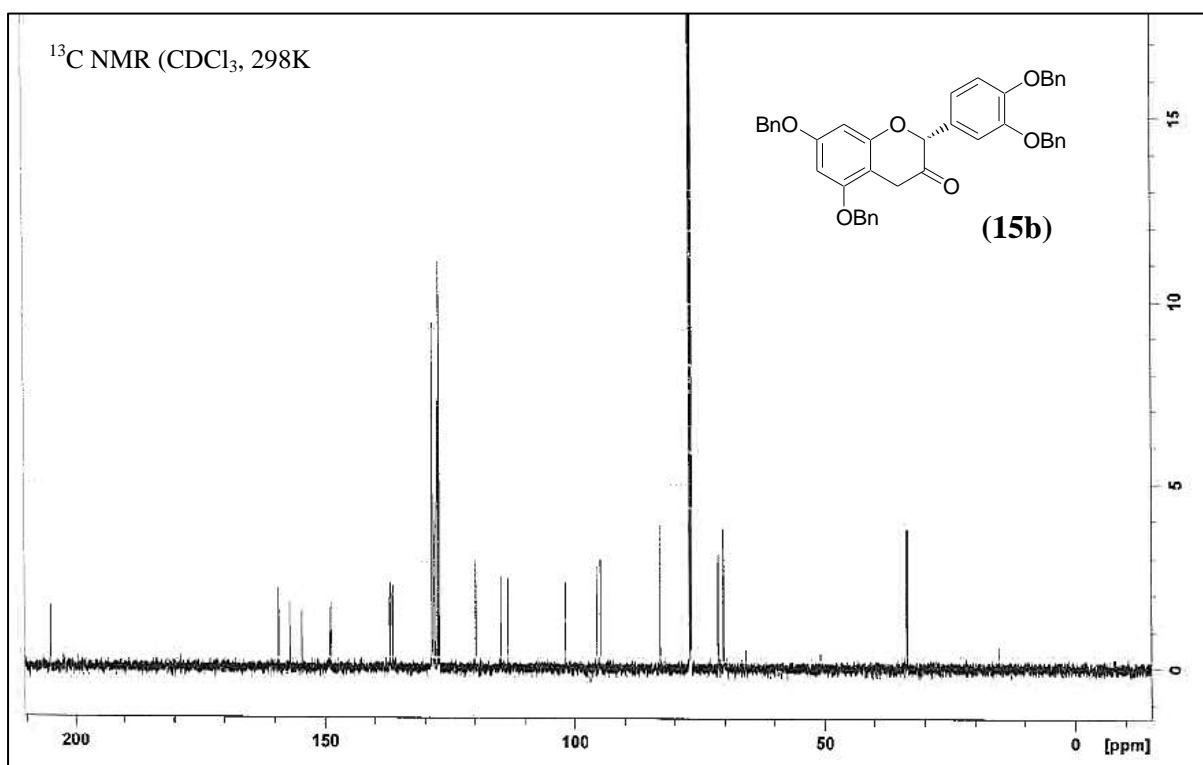
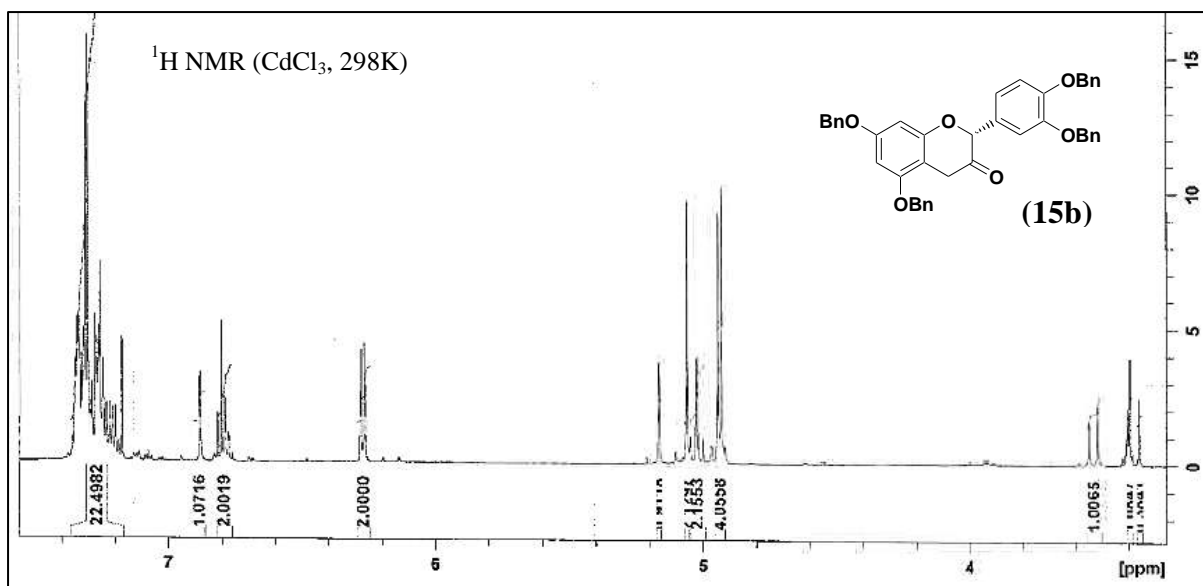
Representative ^1H and ^{13}C NMR Spectra of Substituted Flav-3-enes and Flav-3-O-derivatives

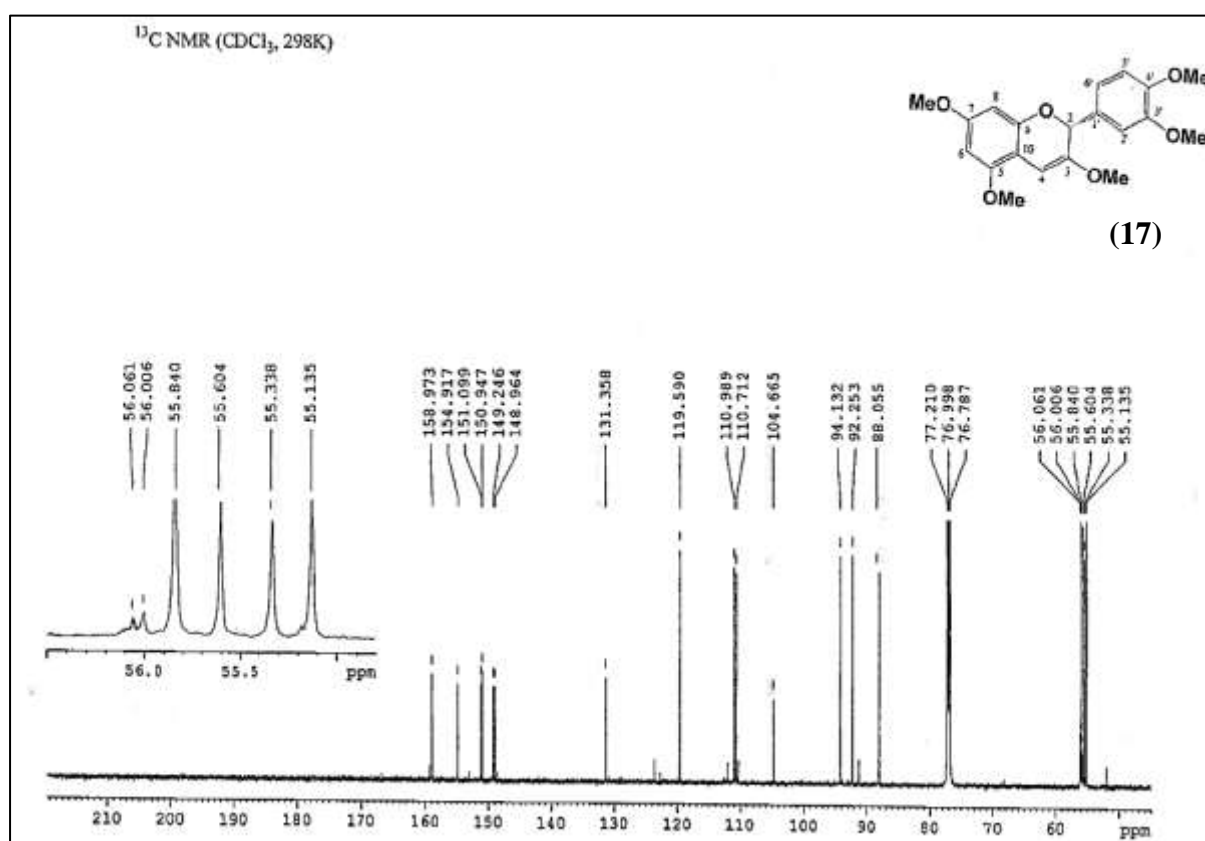
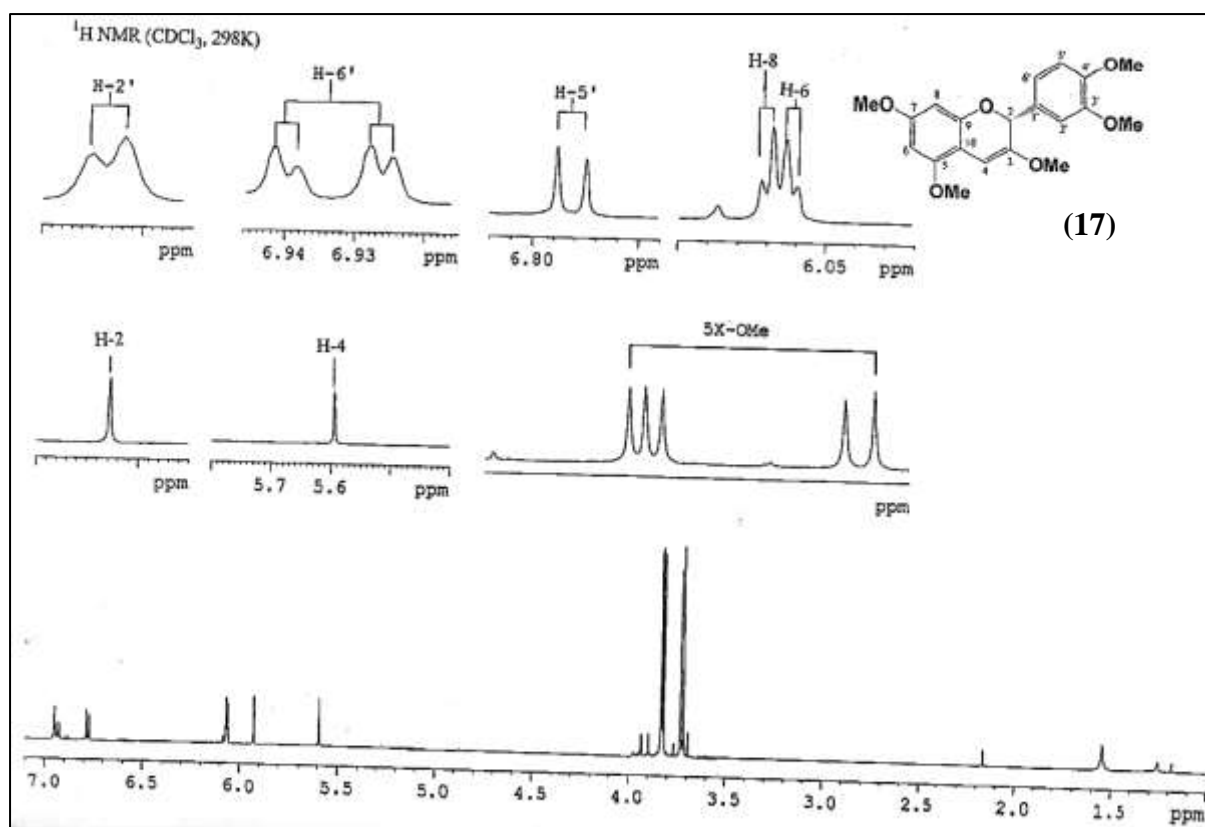


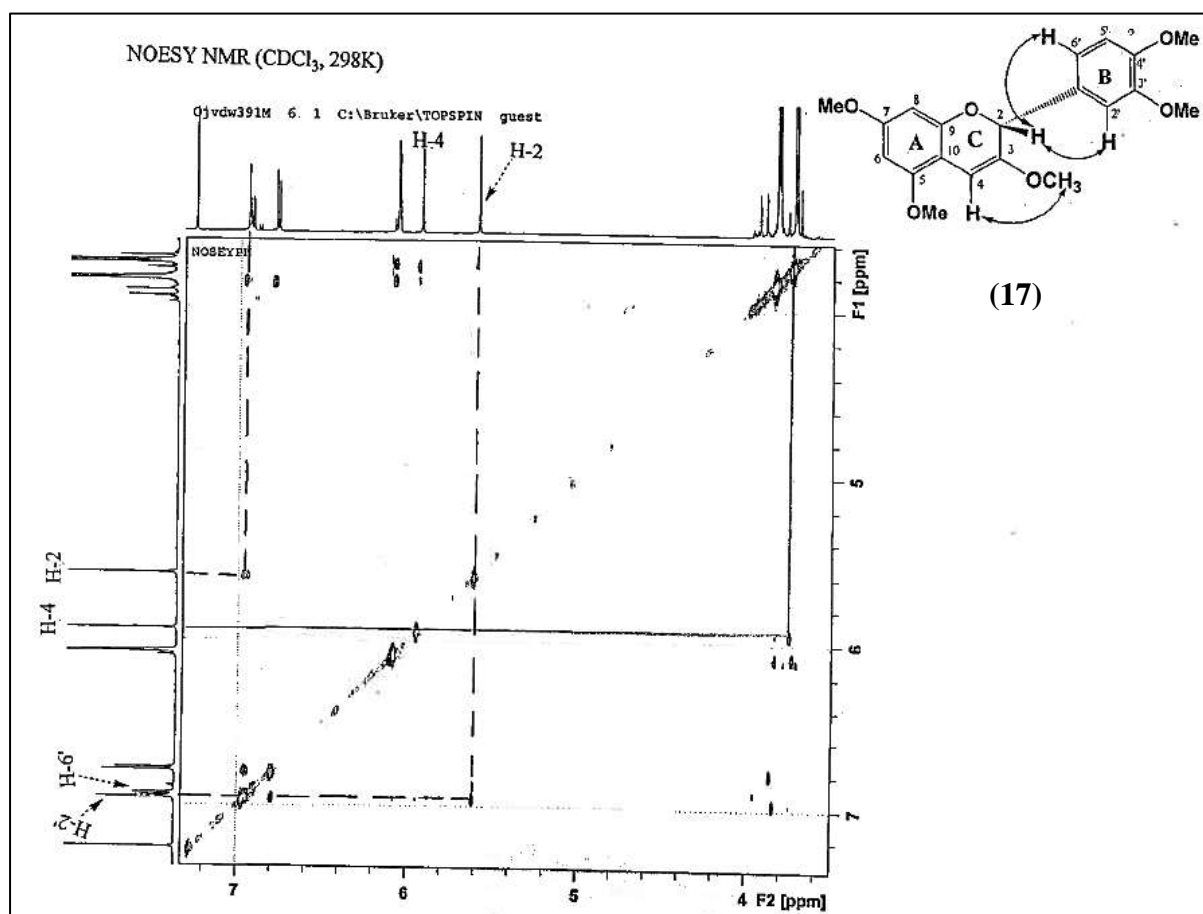
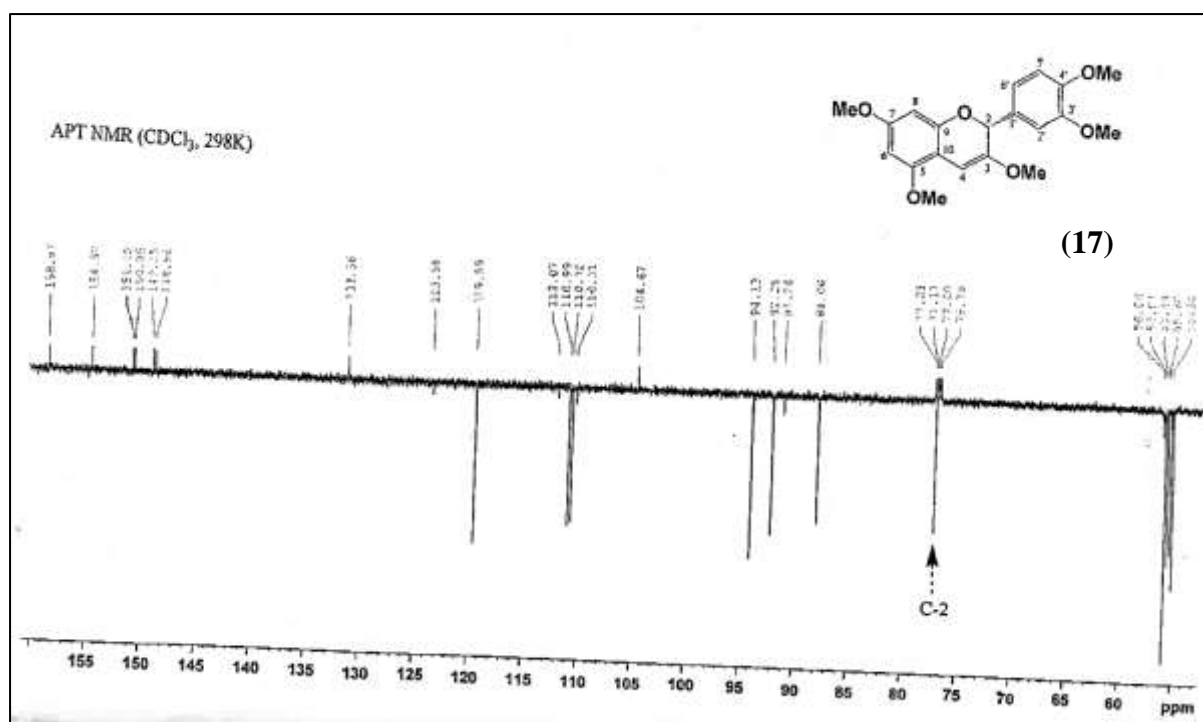


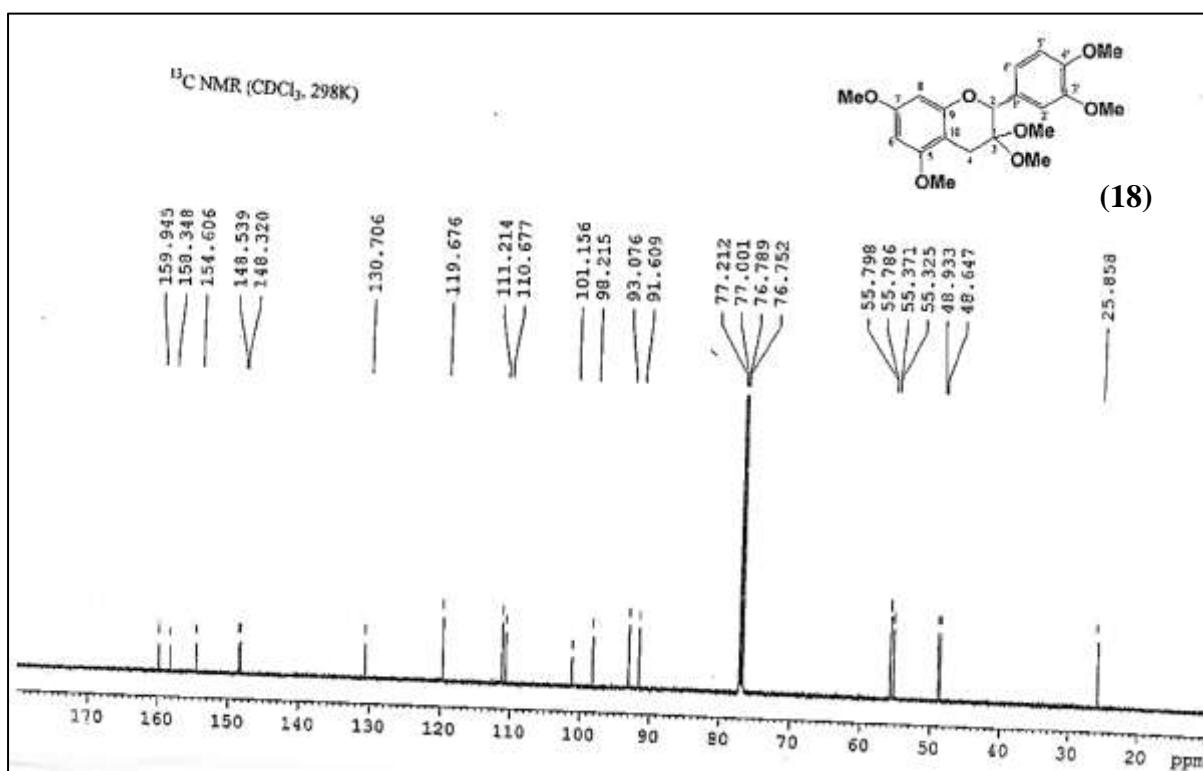
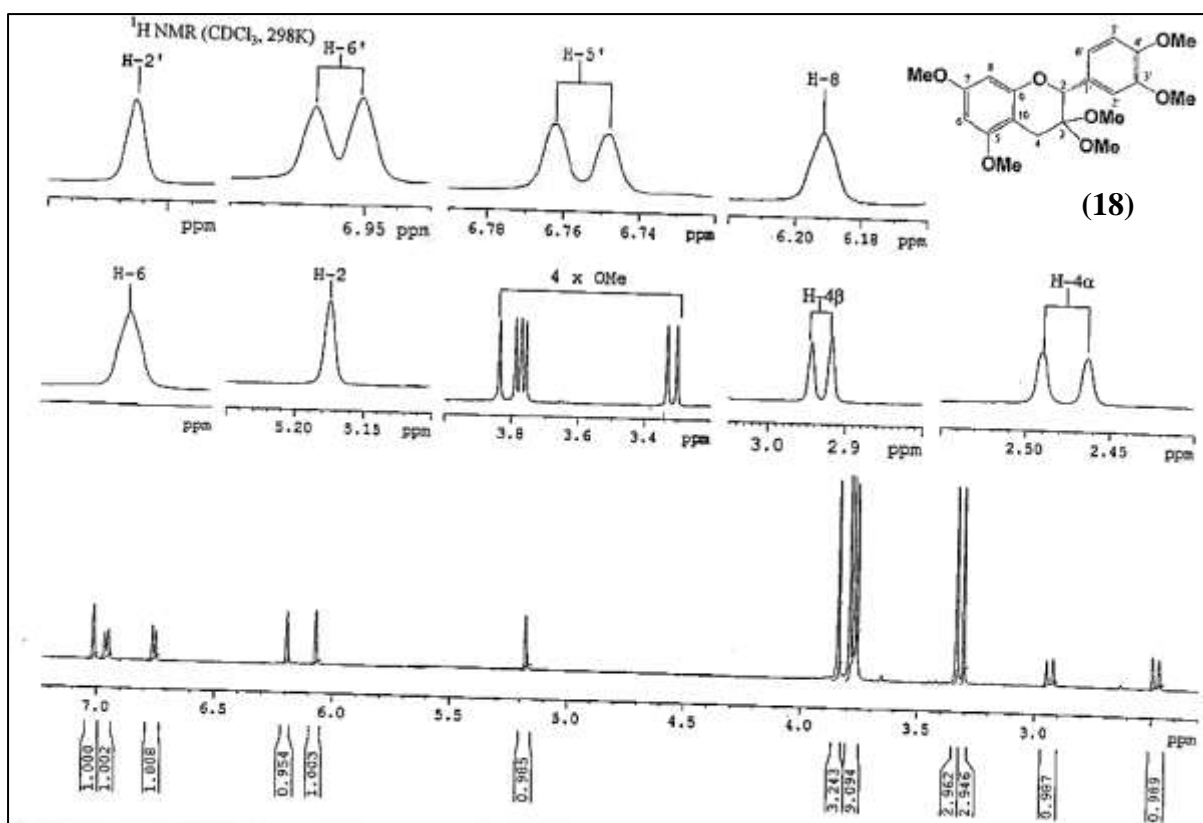


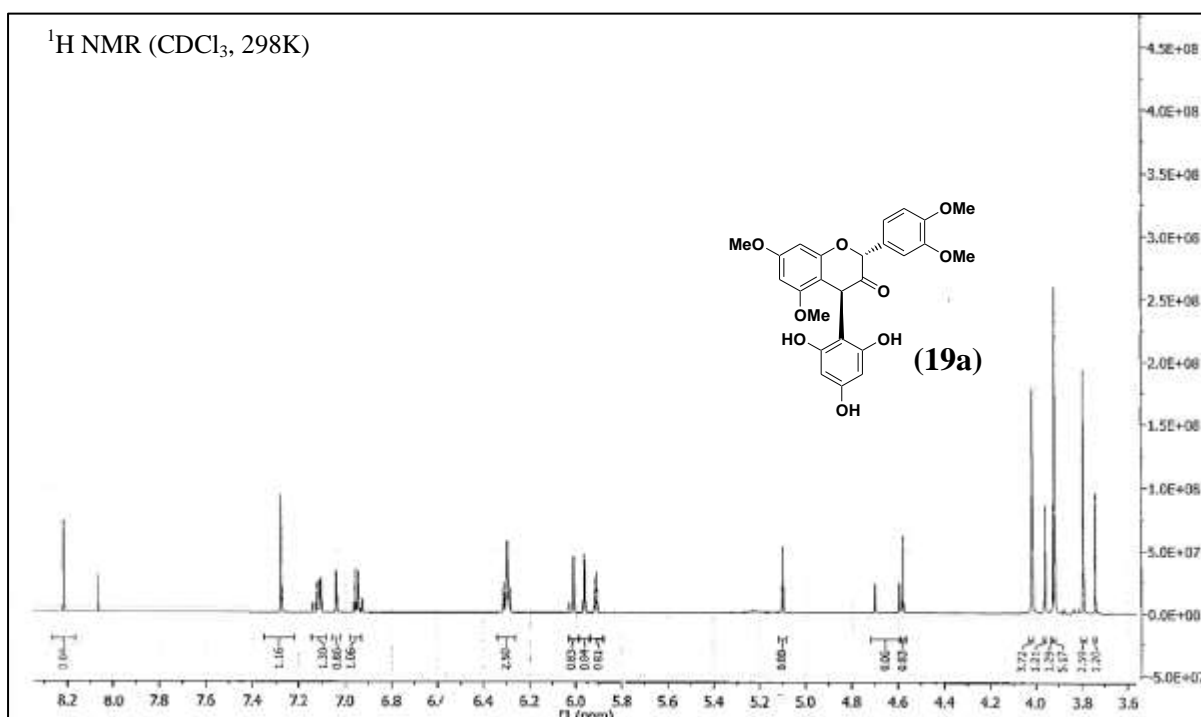
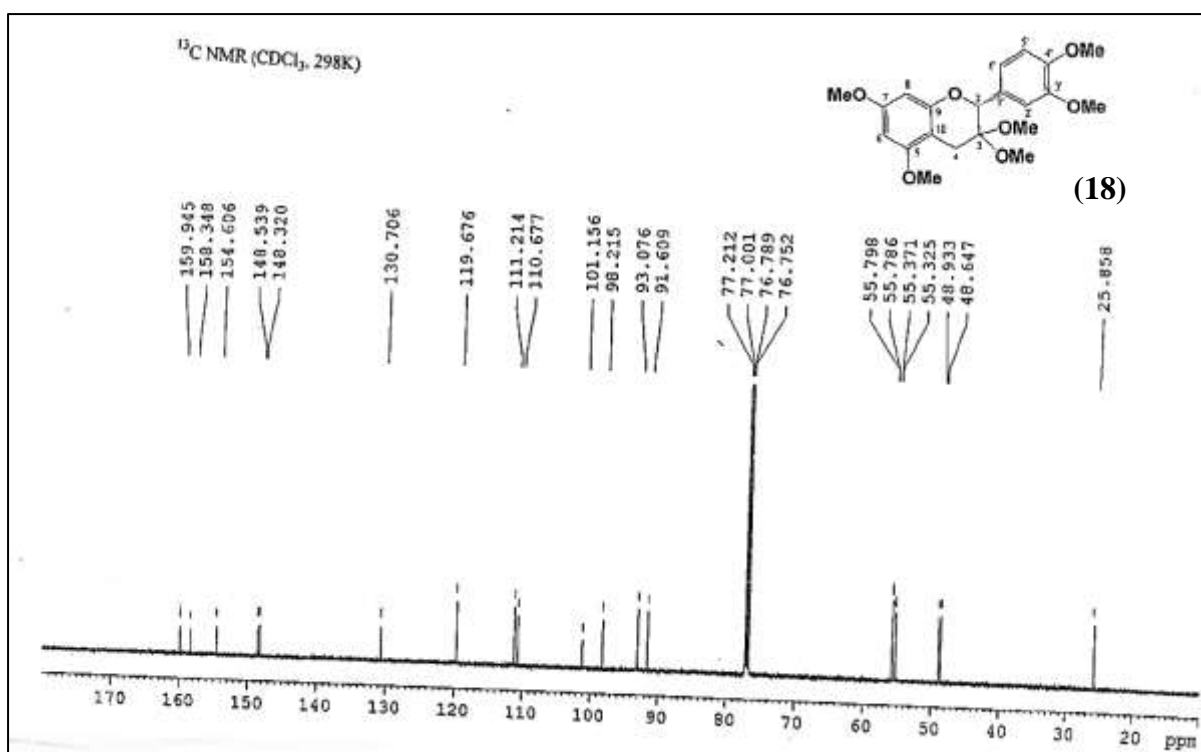


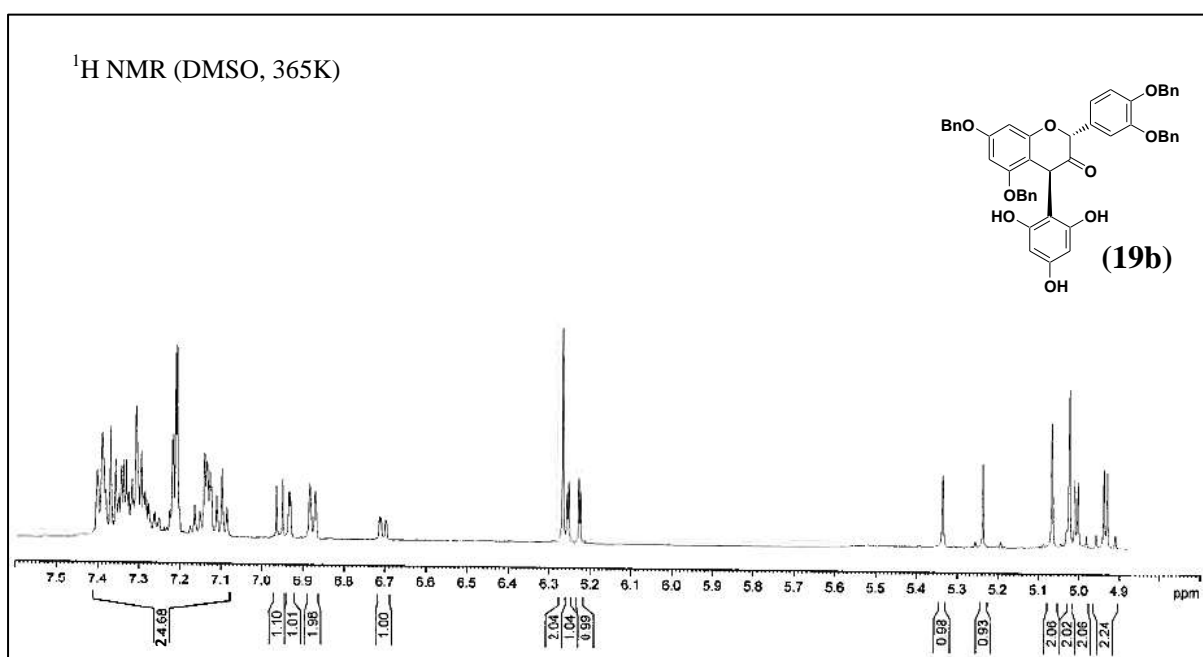
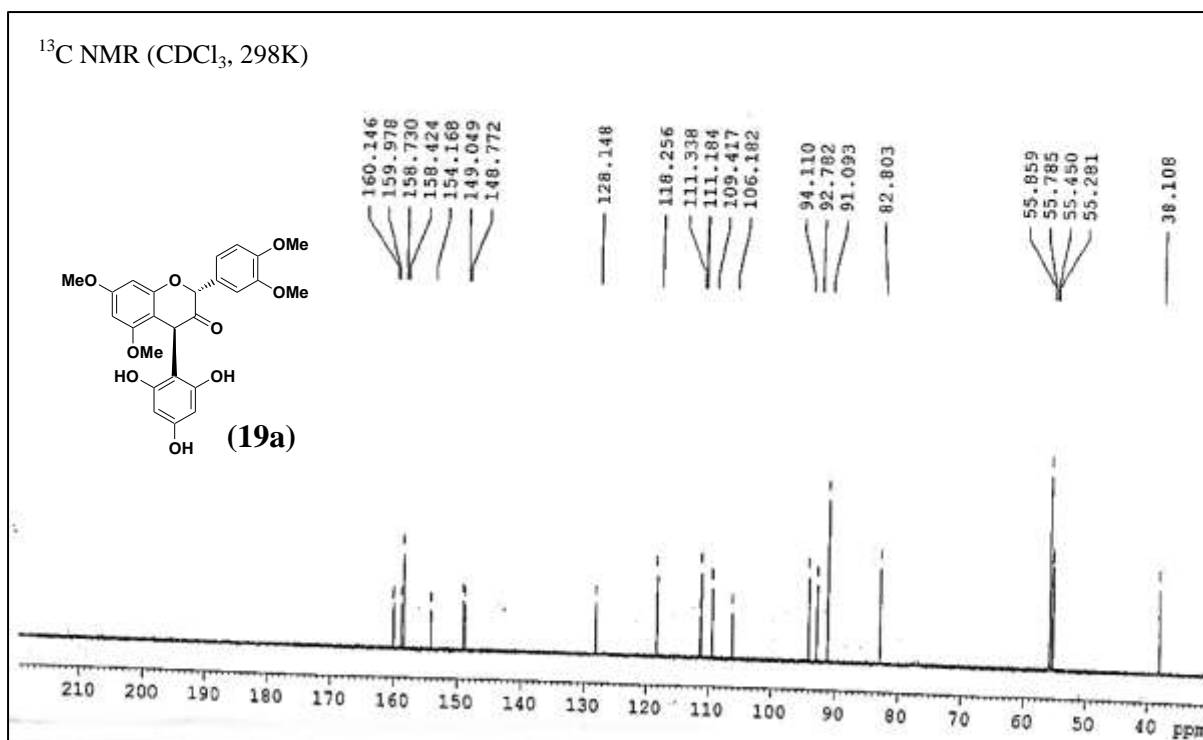




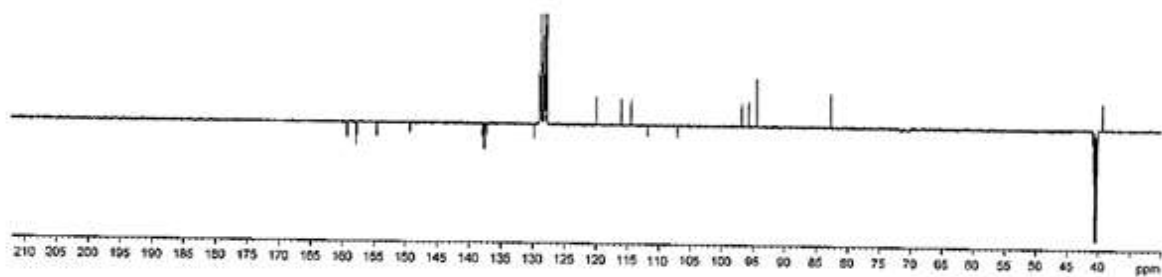
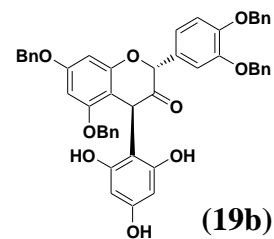




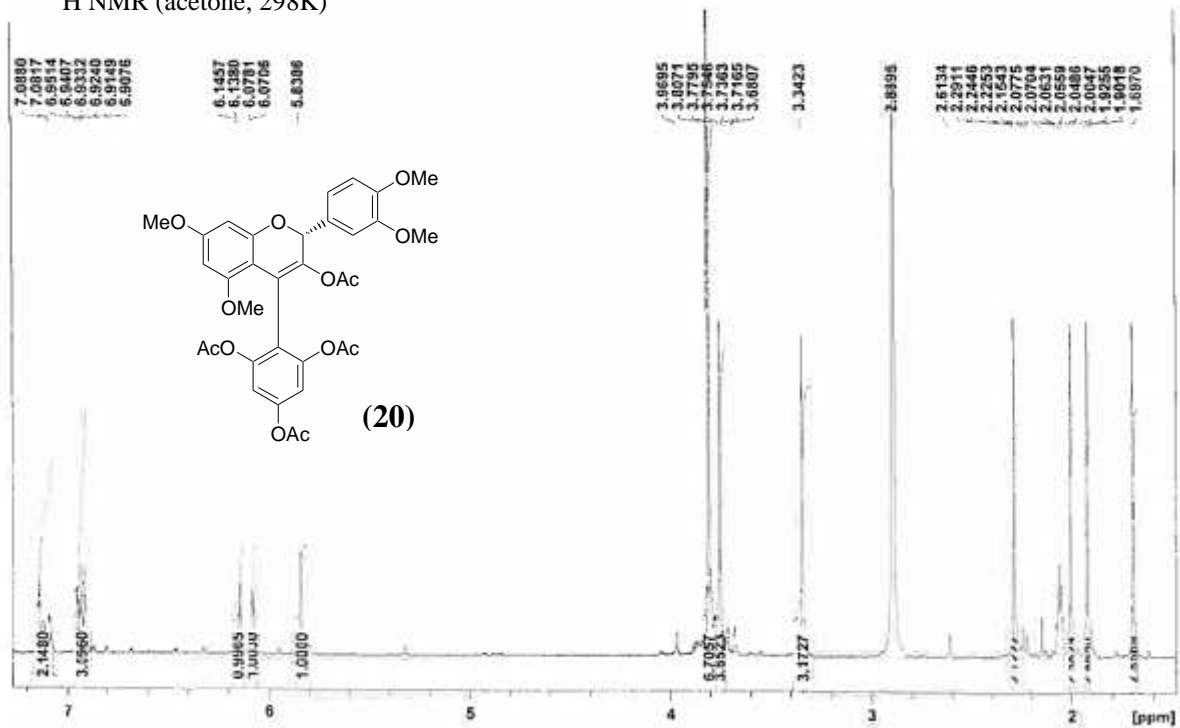
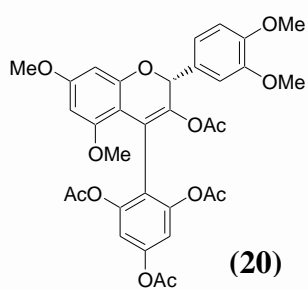


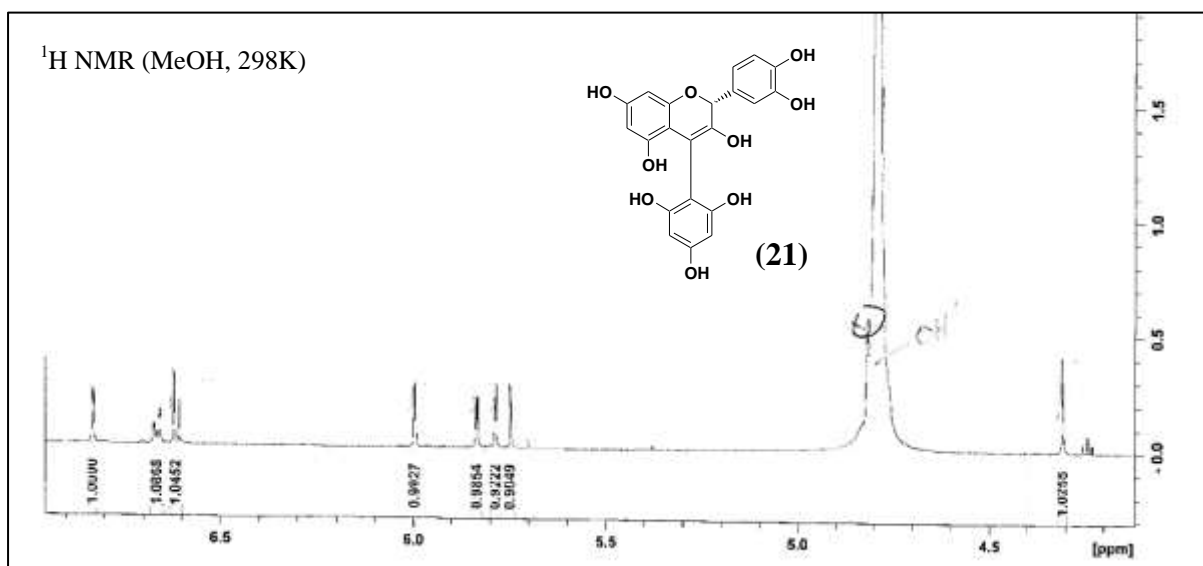
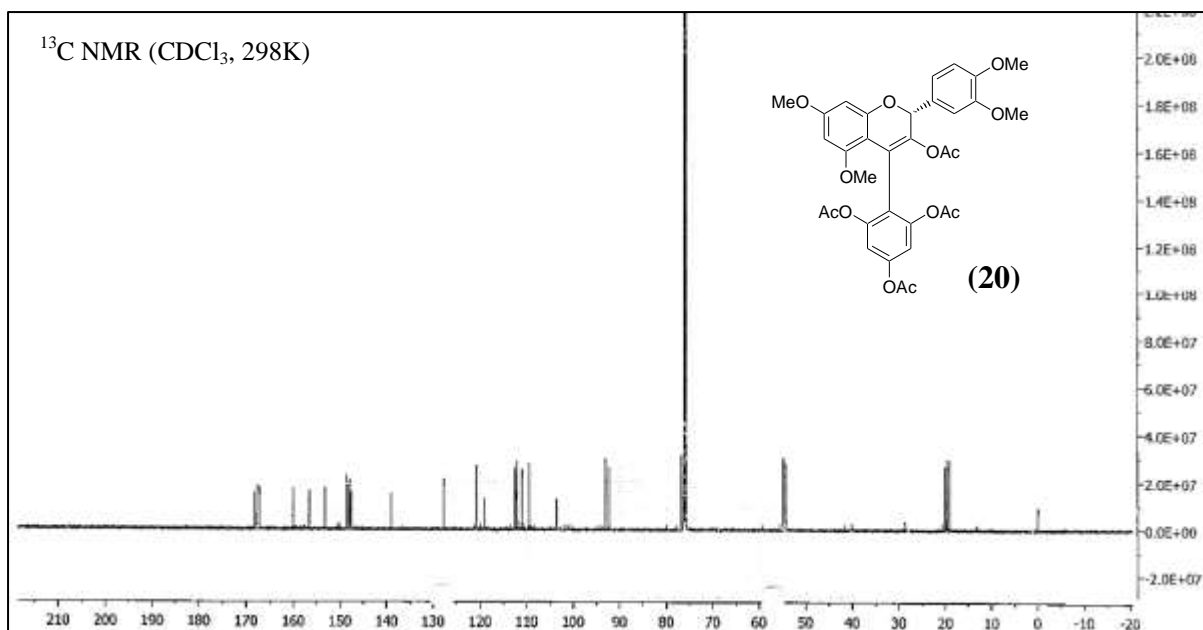


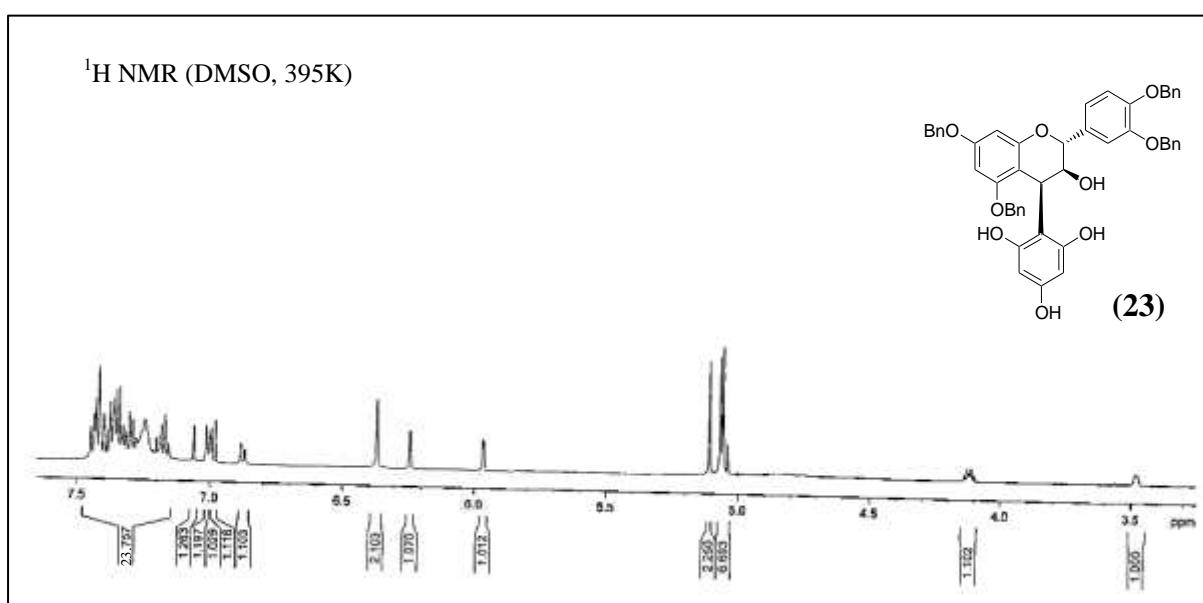
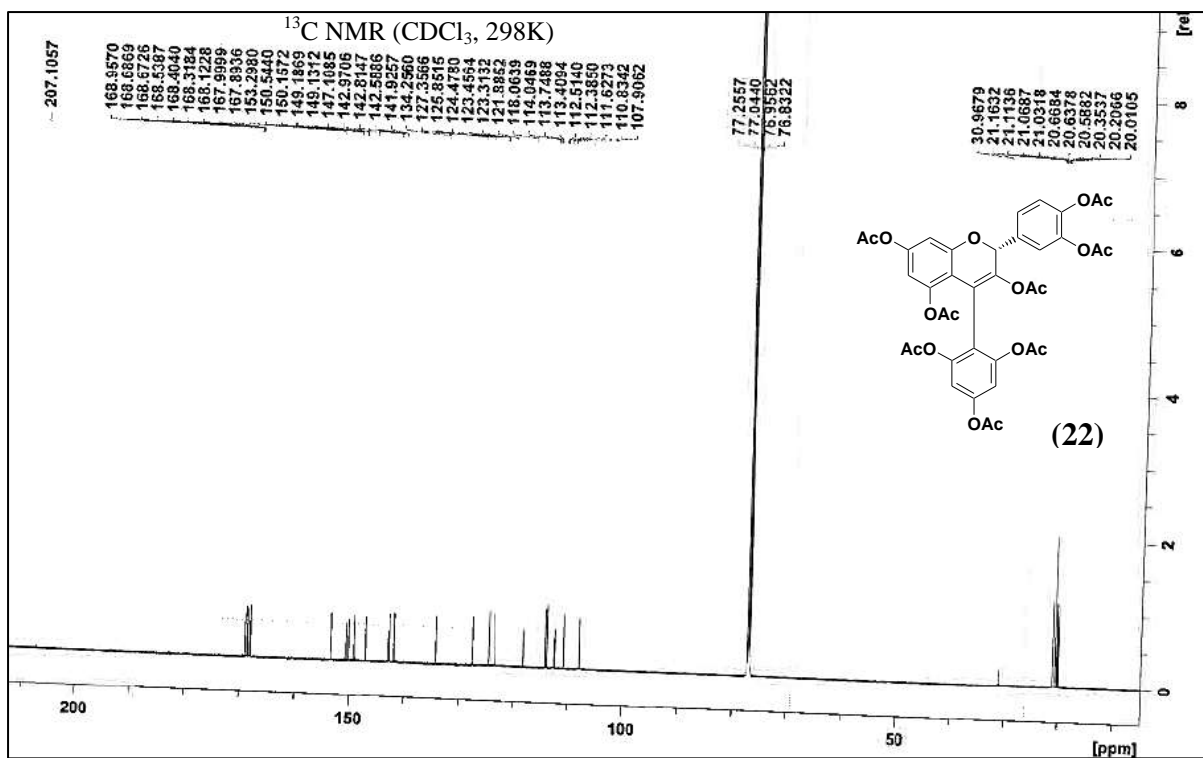
^{13}C APT-NMR (DMSO, 365K)



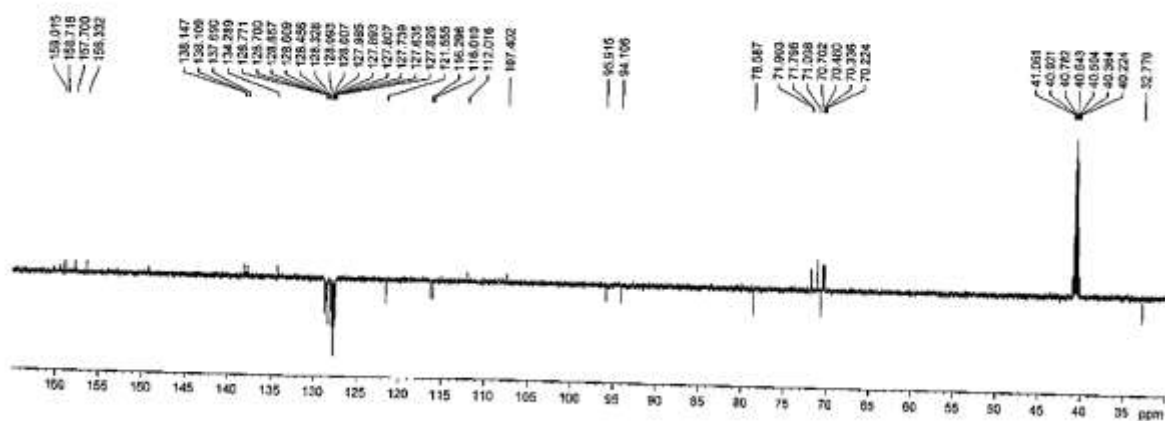
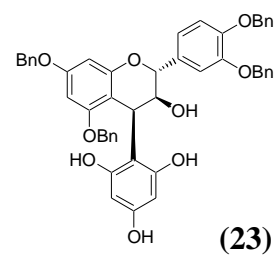
^1H NMR (acetone, 298K)



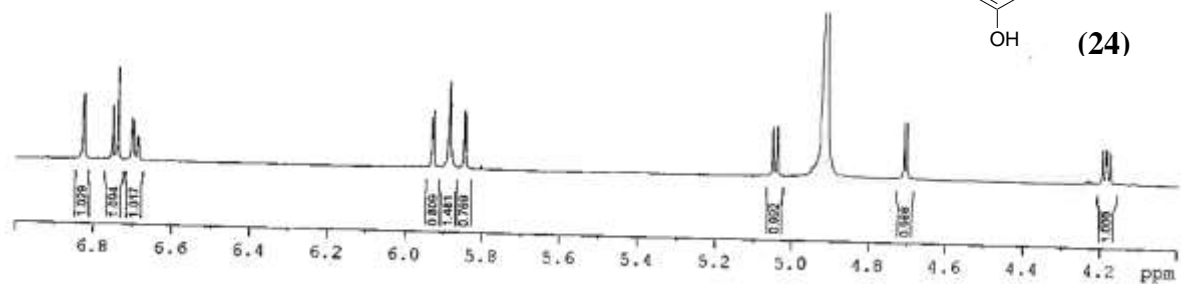
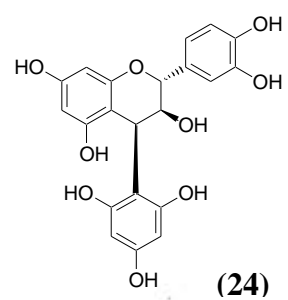




APT ^{13}C NMR (DMSO, 395K)



^1H NMR (MeOH, 295K)



^{13}C NMR (MeOH, 295K)

