

Electronic Supplementary Information (ESI)

Substituent Effect on the Radical Scavenging Activity in 6-Chromanol Derivatives

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Figure S1 Plot of k_{obs} versus the concentration of amino-substituted chromanols; **4a** (●), **5a** (▲), **6a** (■), **7a** (◆).

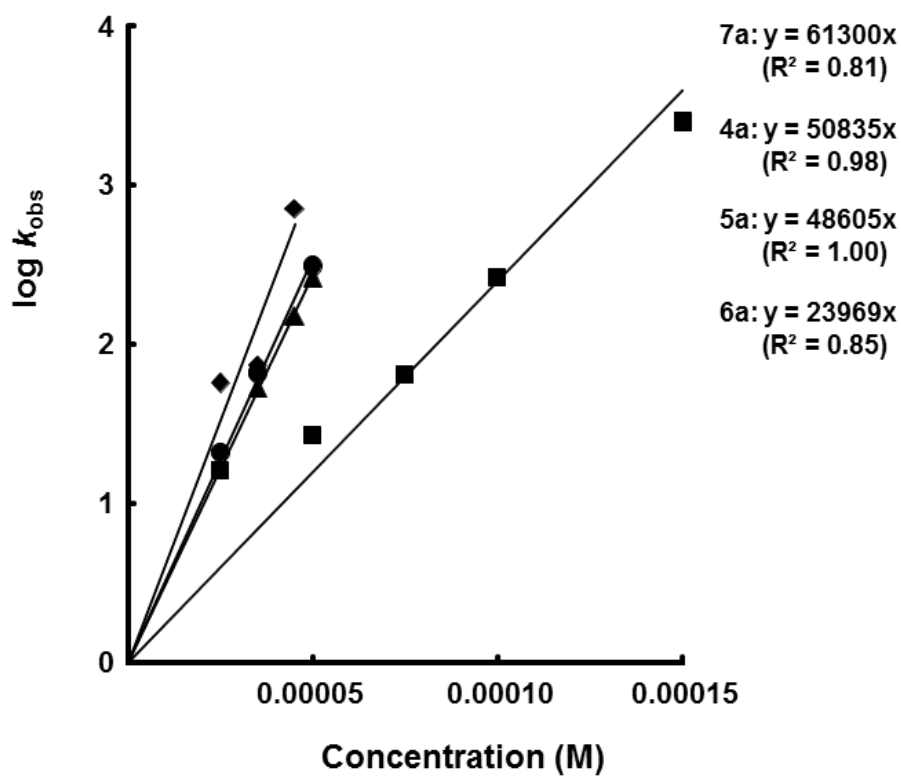


Figure S2 Plot of k_{obs} versus the concentration of acetylamino-substituted 6-chromanols; **4b** (●), **5b** (▲), **6b** (■), **7b** (◆).

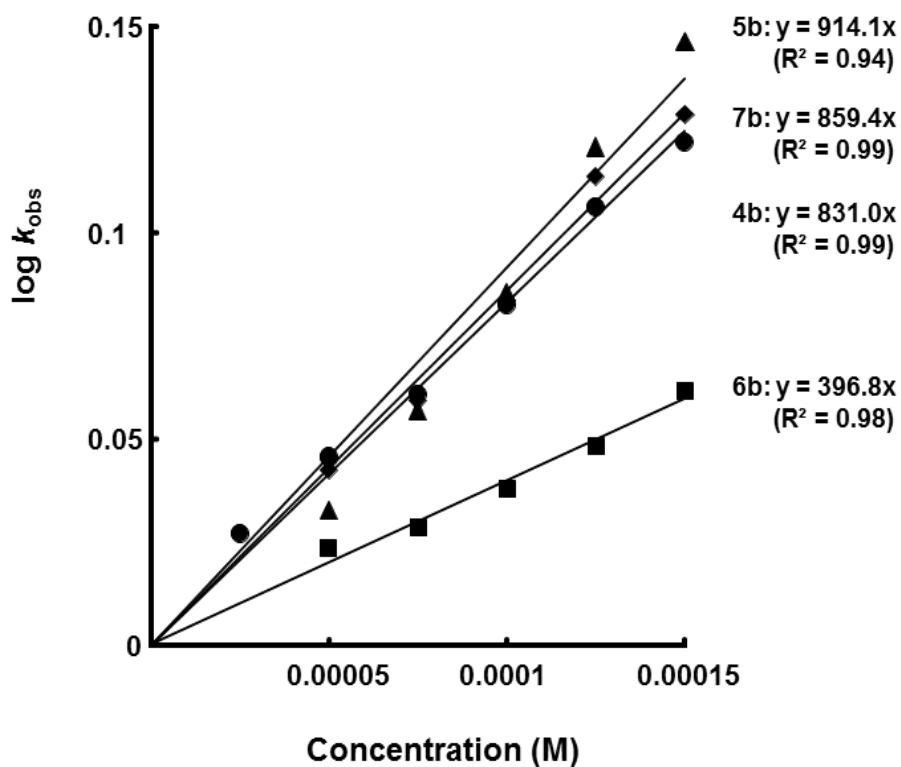


Figure S3 Plot of k_{obs} versus the concentration of chloro-substituted 6-chromanols; **4c** (●), **5c** (▲), **6c** (■), **7c** (◆).

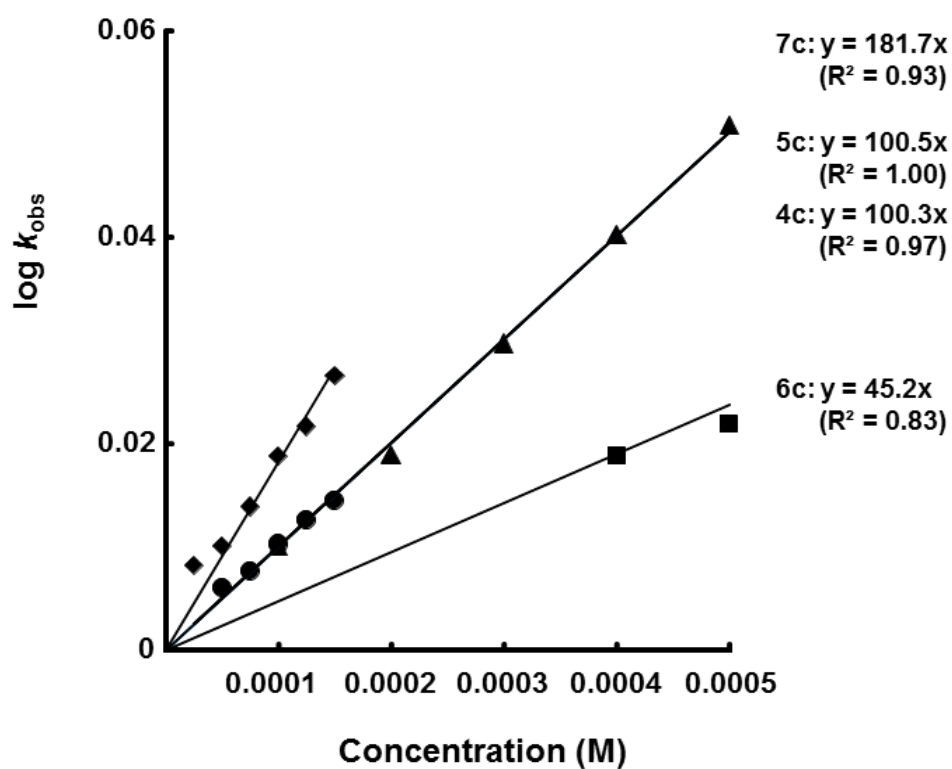
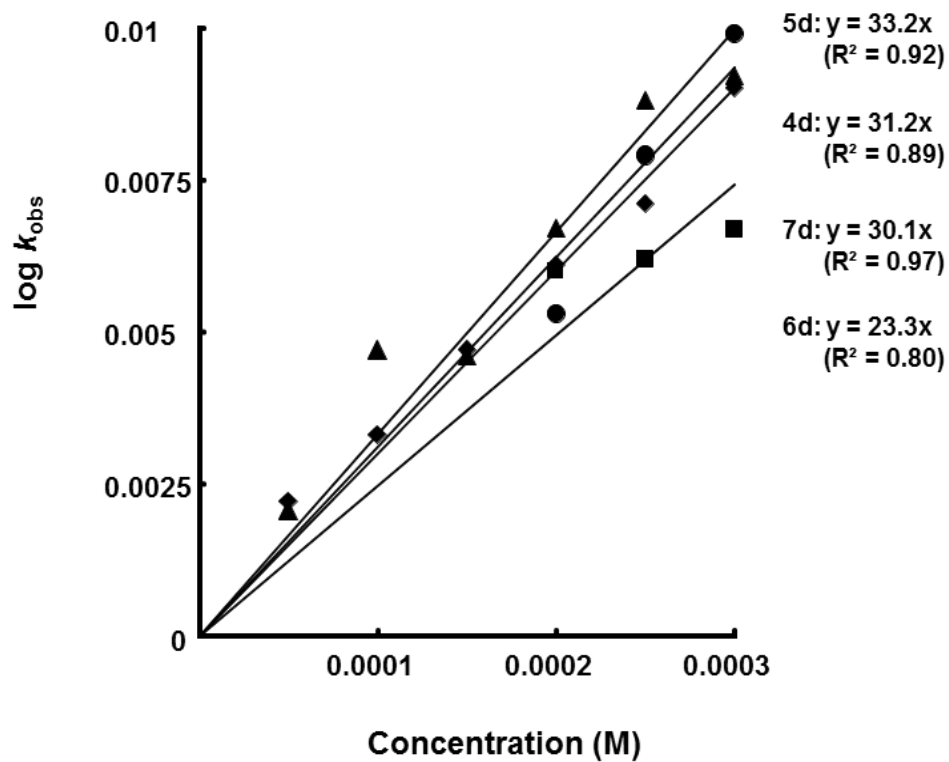
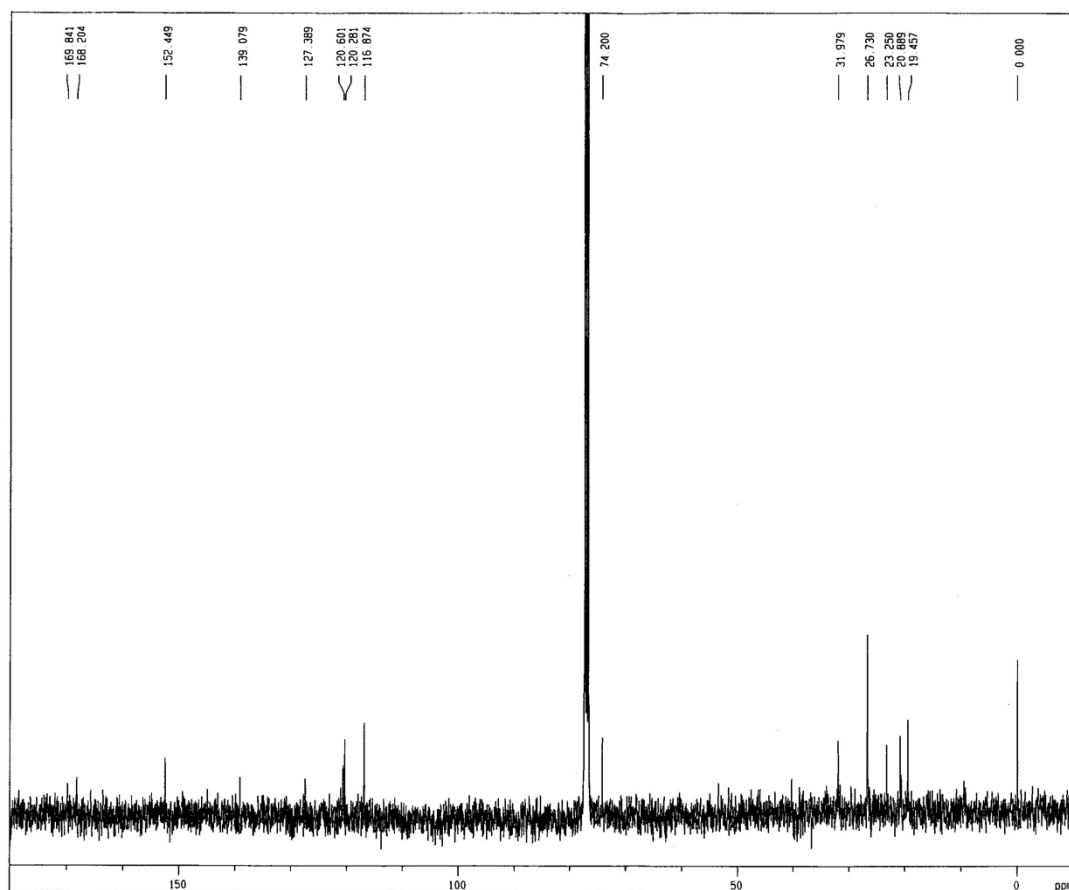
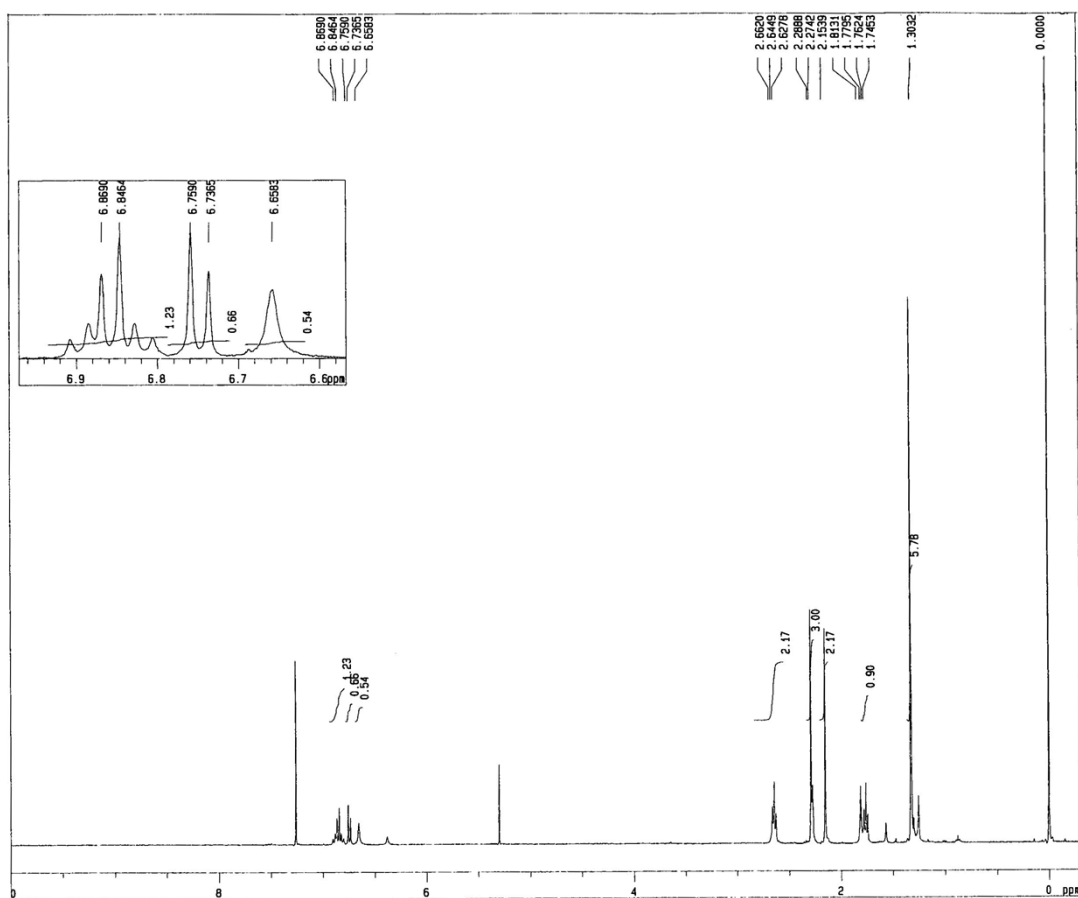
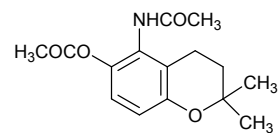


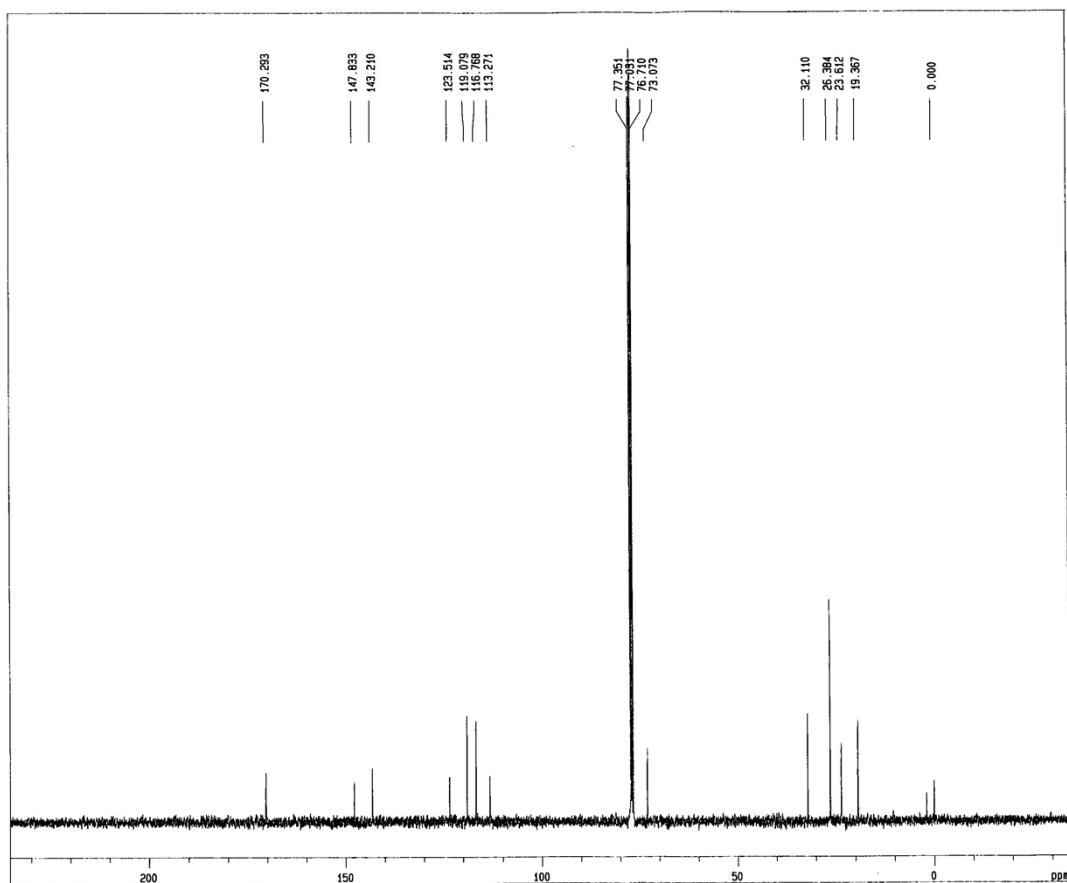
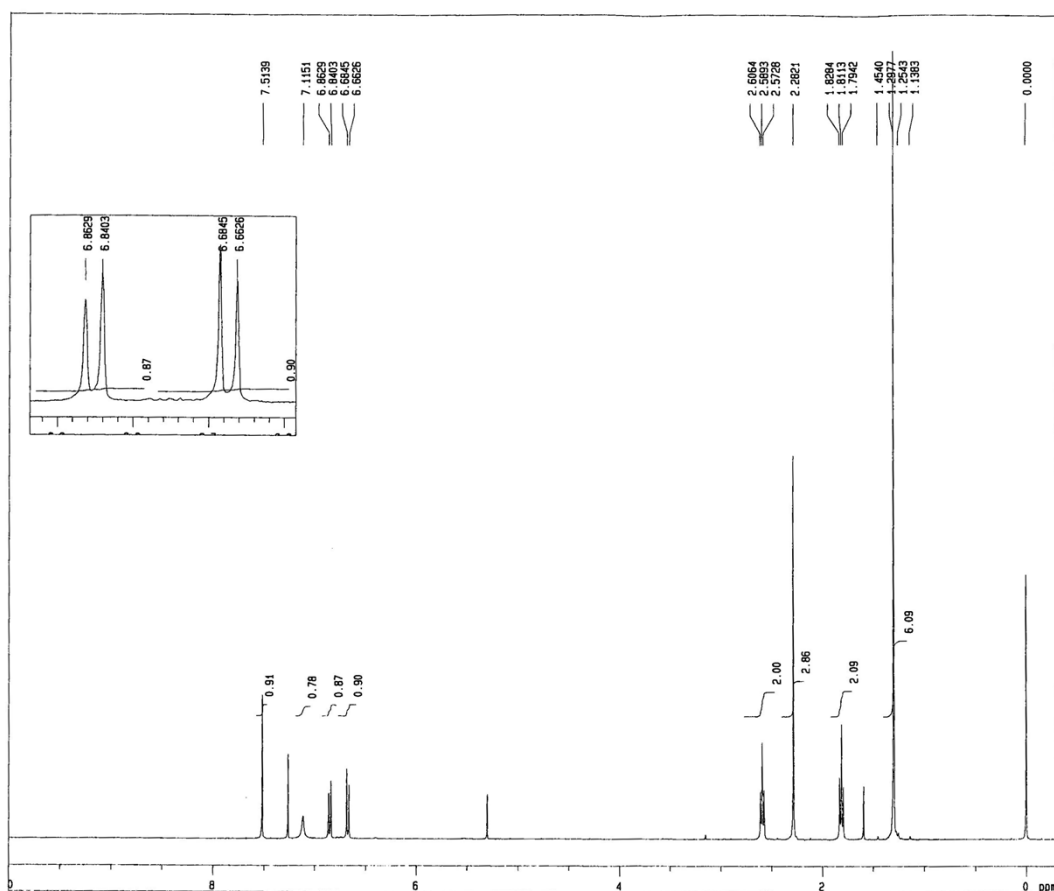
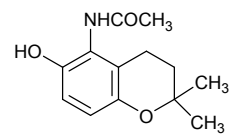
Figure S4 Plot of k_{obs} versus the concentration of nitro-substituted 6-chromanols; **4d** (●), **5d** (▲), **6d** (■), **7d** (◆).



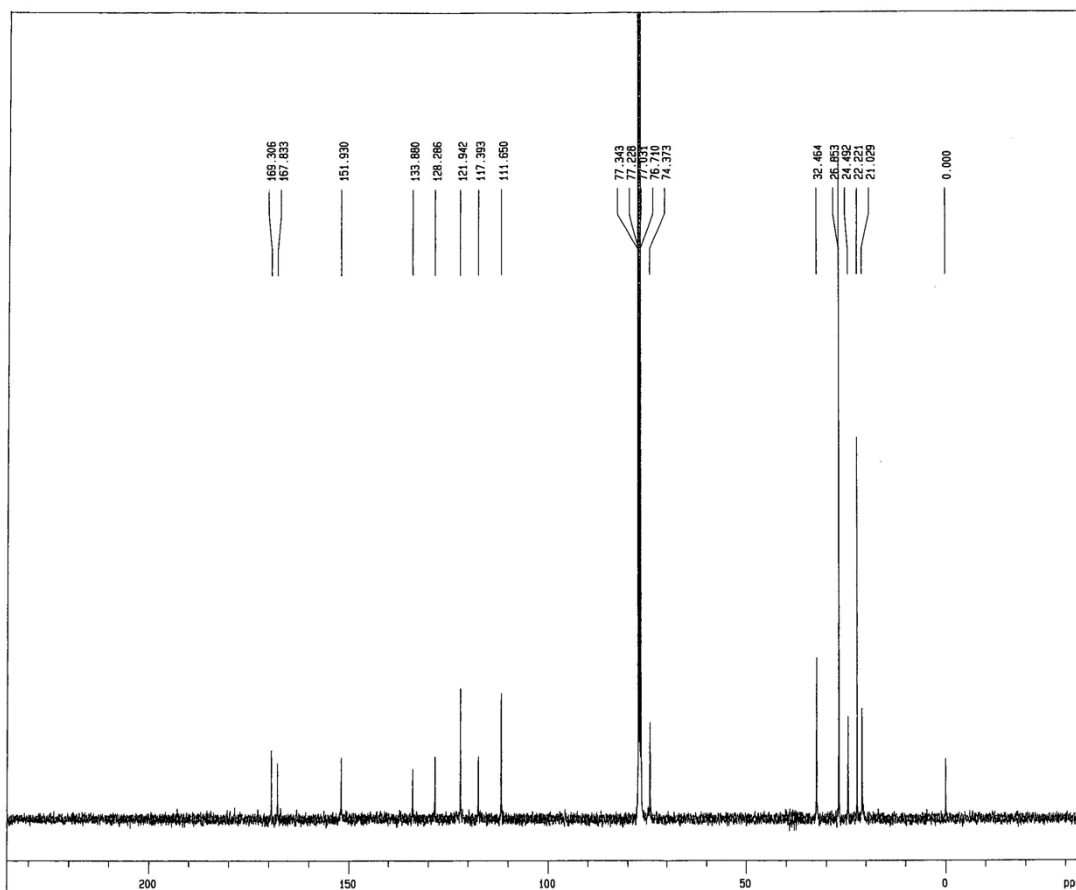
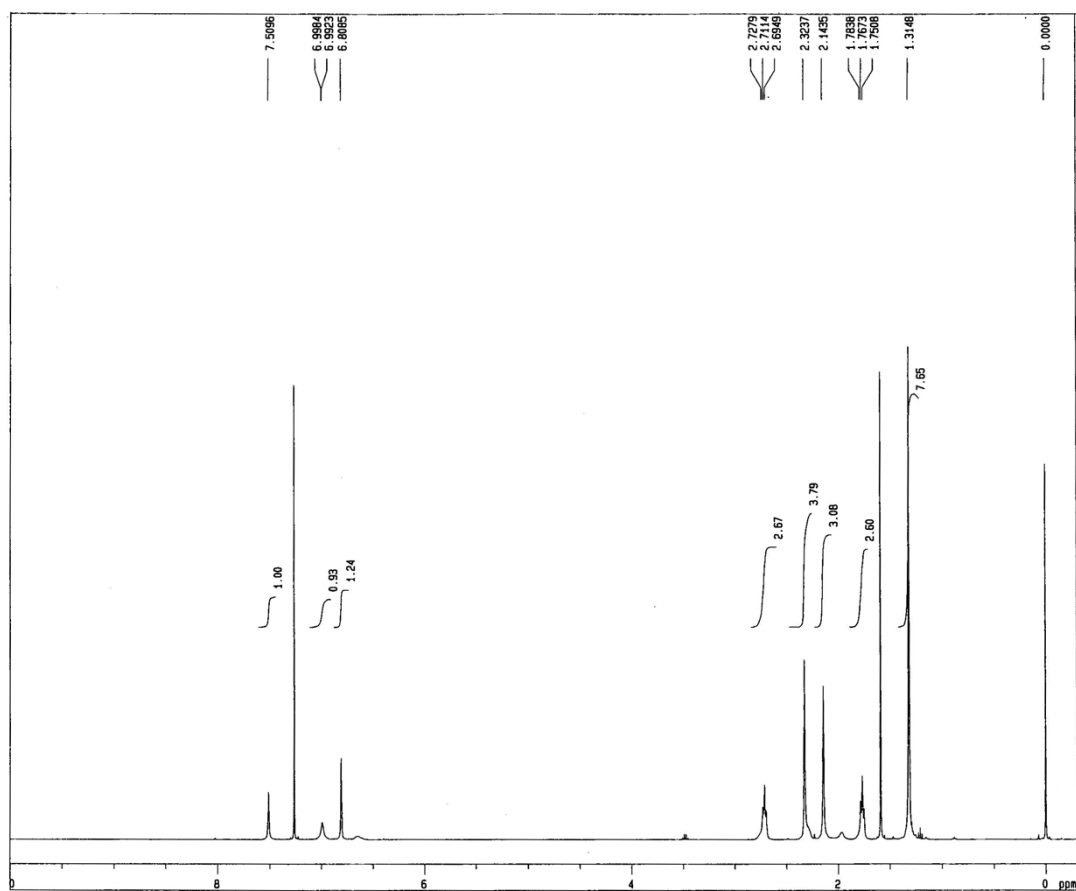
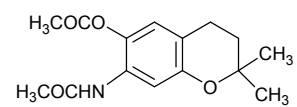
^1H and ^{13}C spectra of 6-acetoxy-5-acetylaminochroman (**4b-OAc**) in CDCl_3



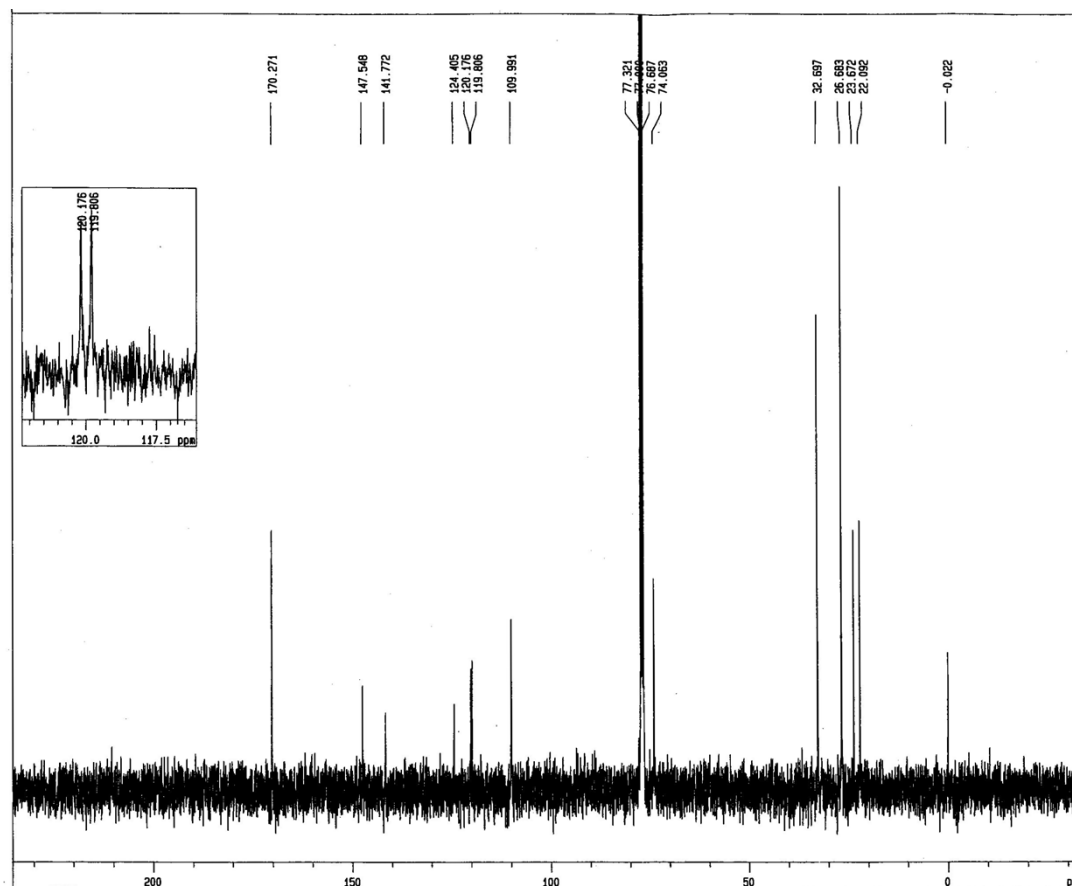
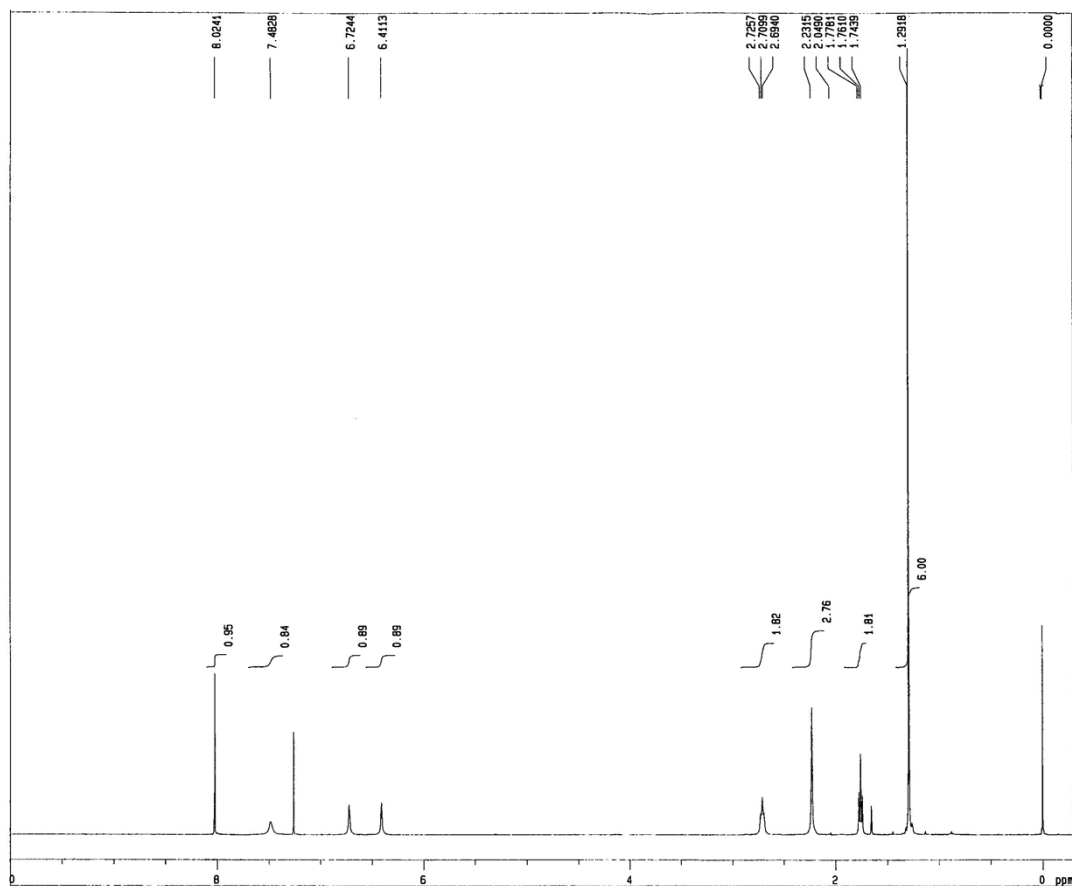
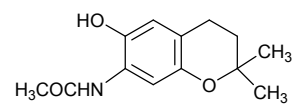
^1H and ^{13}C spectra of 7-acetylamino-6-chromanol (**4b**)
in CDCl_3



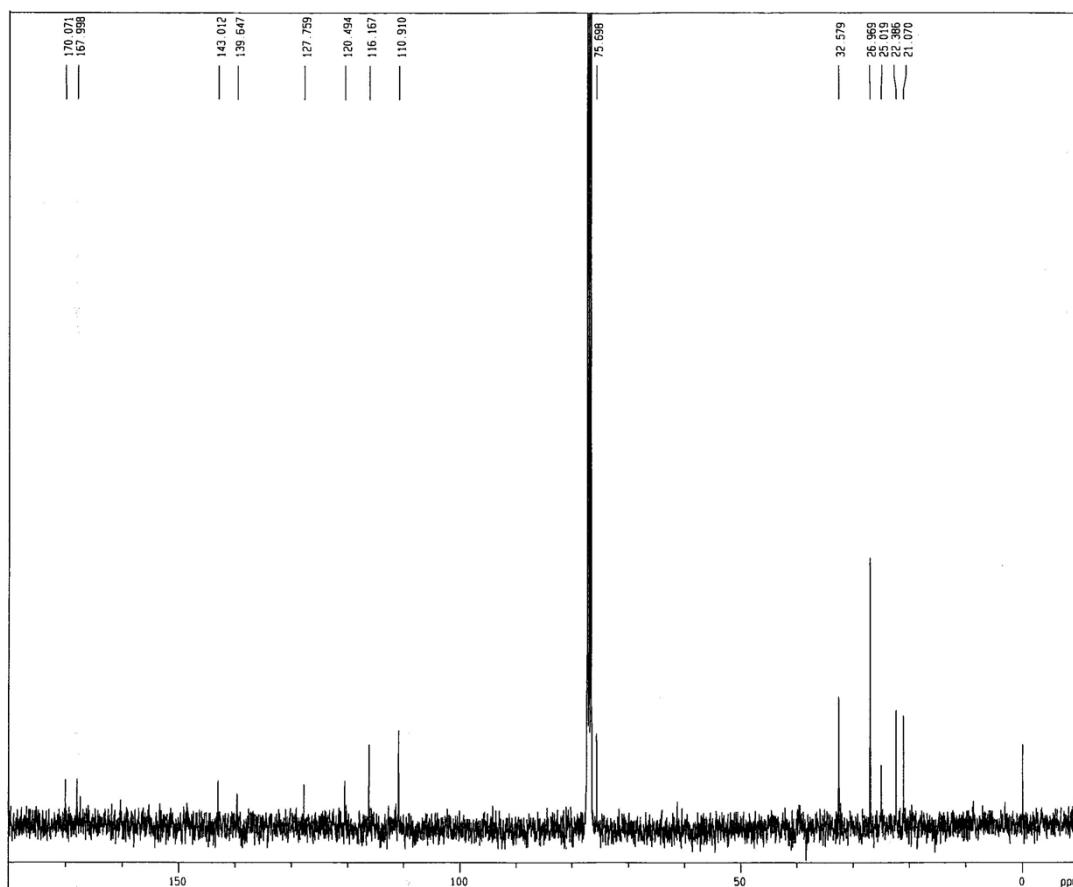
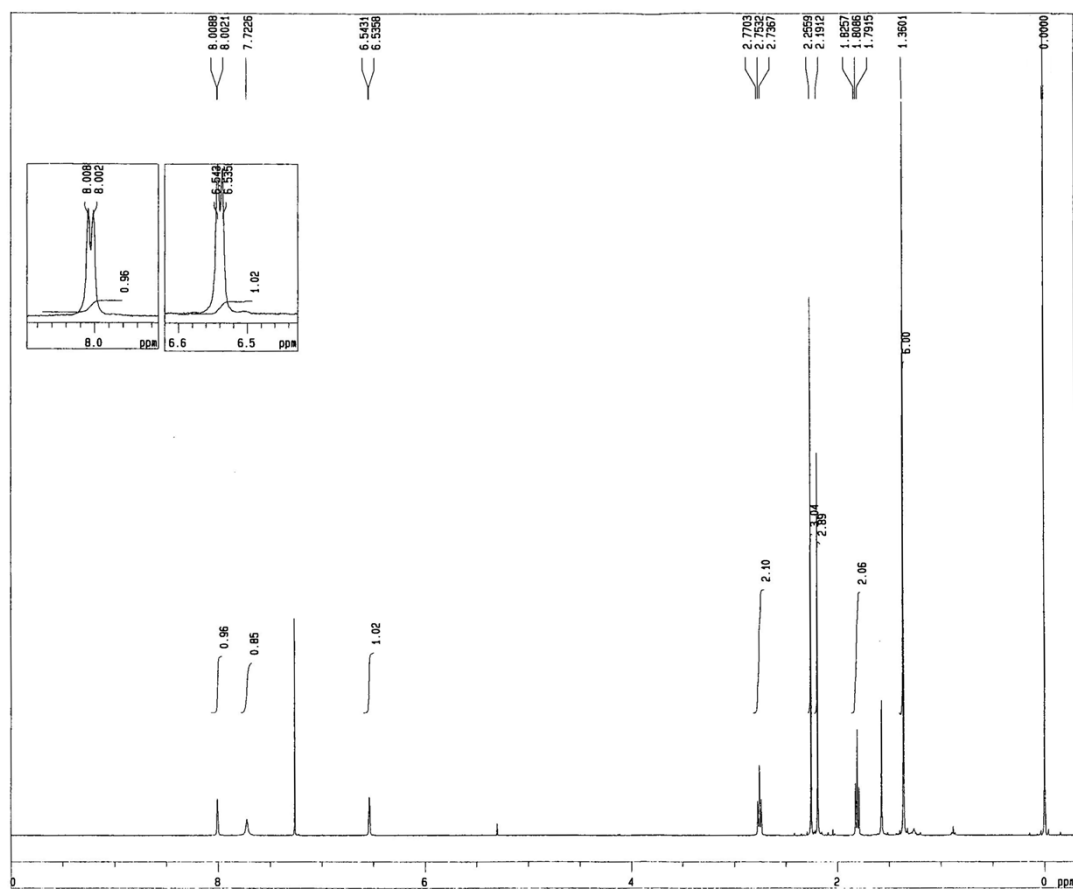
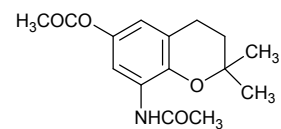
^1H and ^{13}C spectra of 6-acetoxy-7-acetylamino-chroman (**5b-OAc**) in CDCl_3



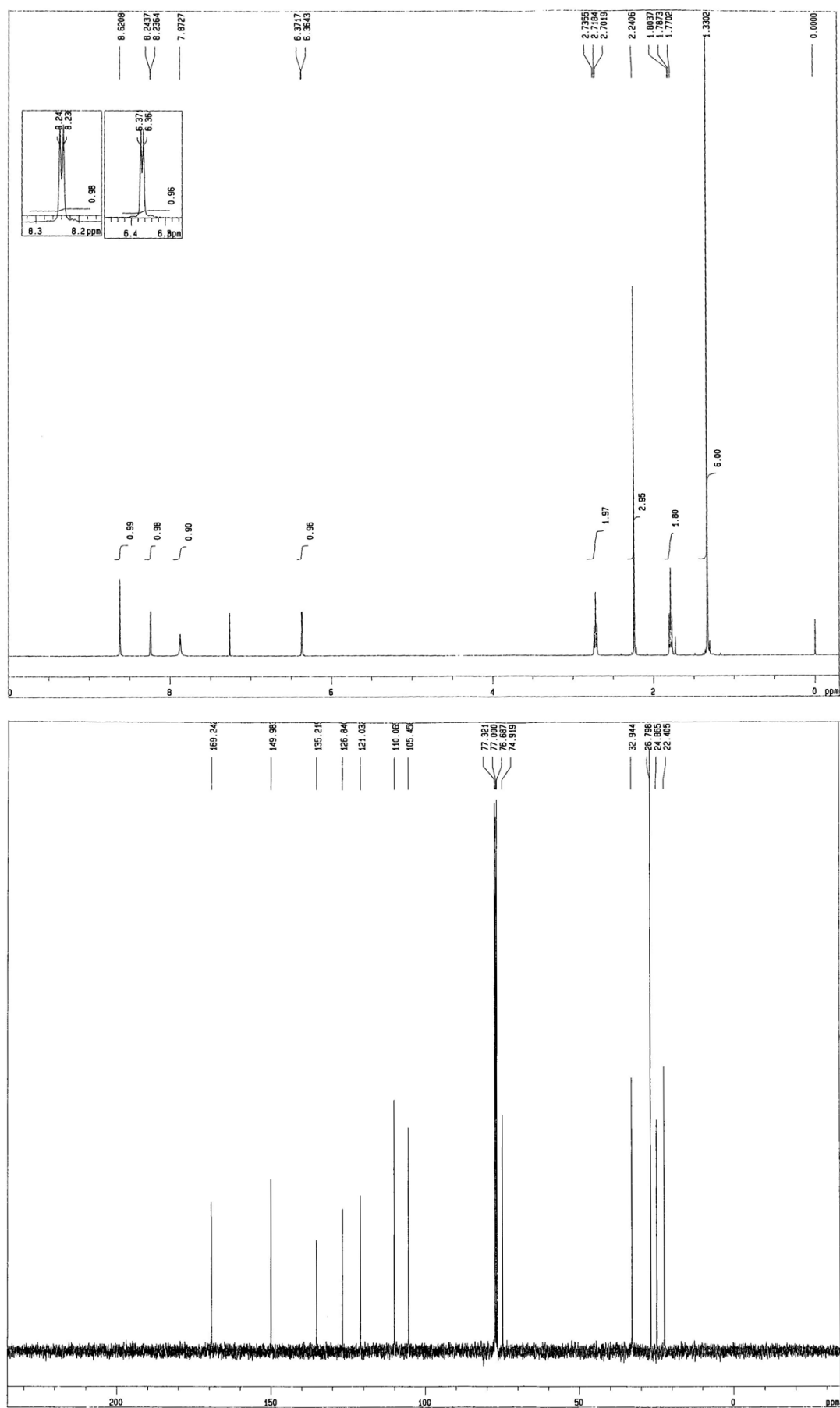
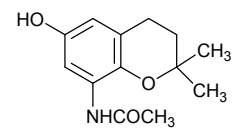
^1H and ^{13}C spectra of 7-acetylamino-6-chromanol (**5b**) in CDCl_3



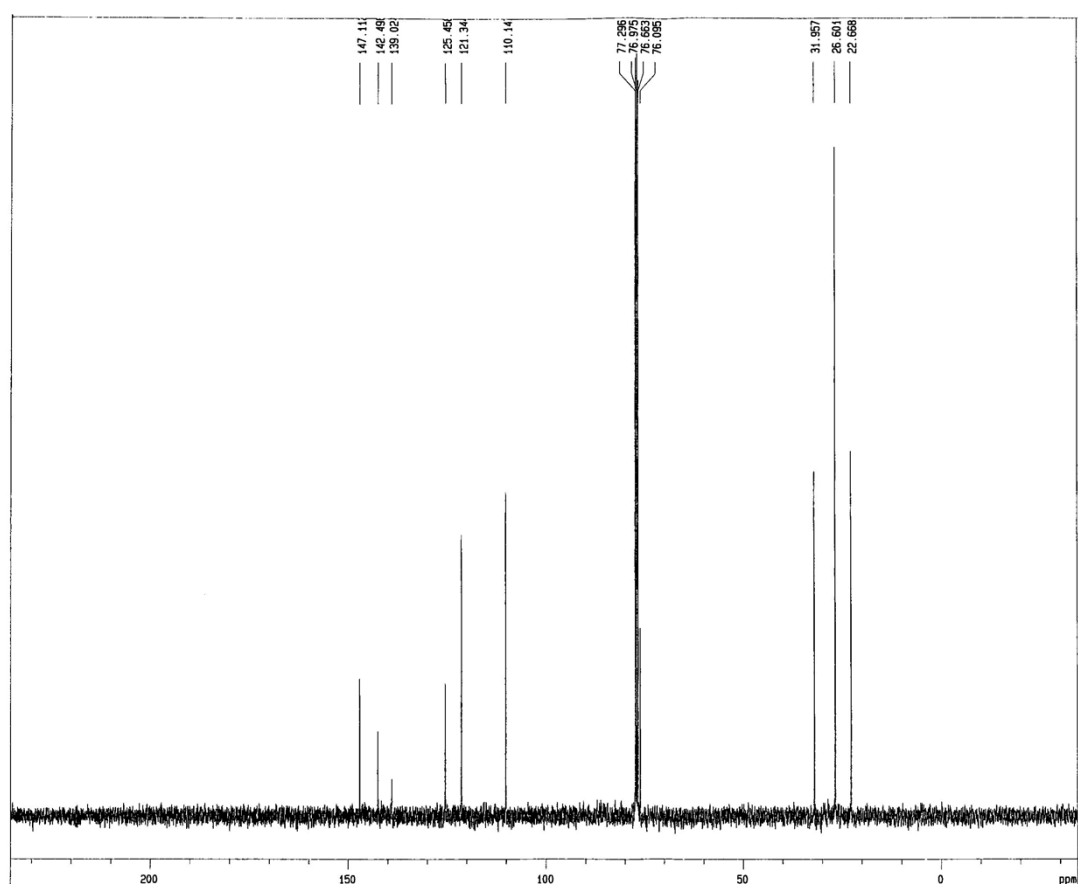
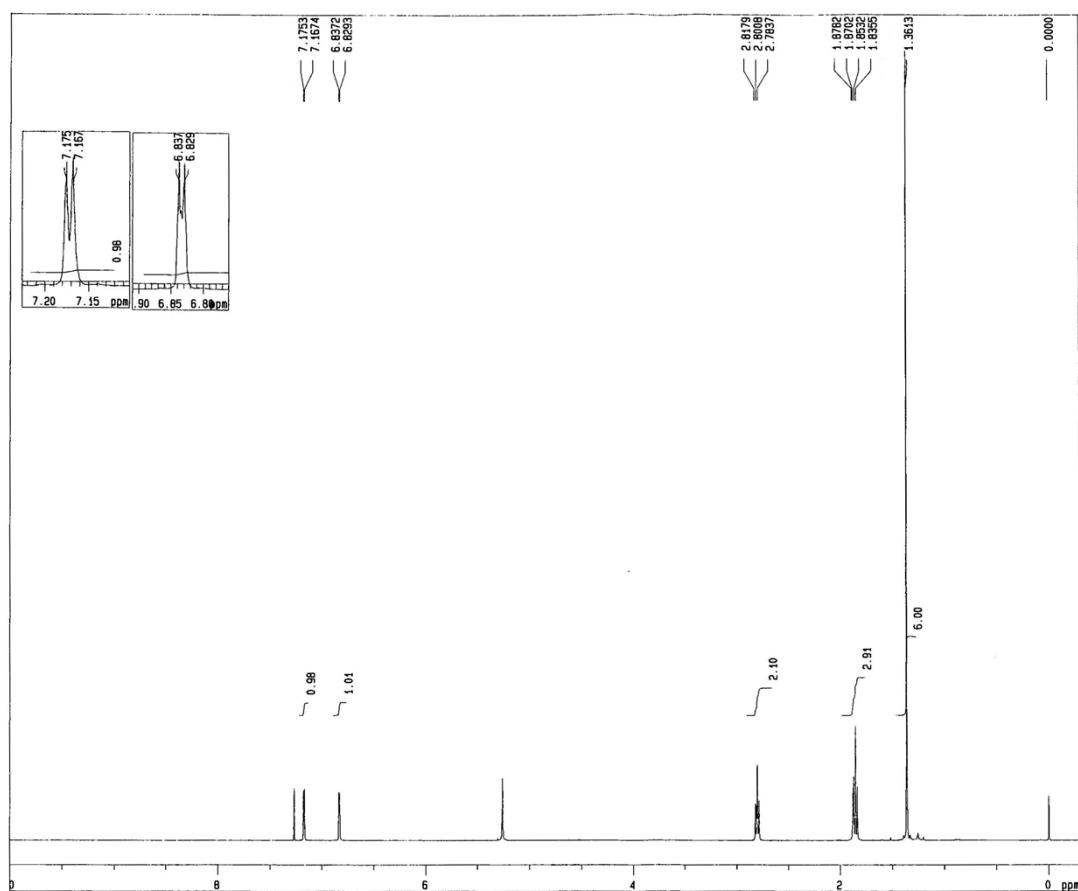
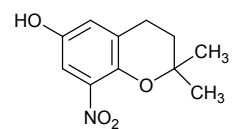
^1H and ^{13}C spectra of 6-acetoxy-8-acetylamino-
chroman (**6b-OAc**) in CDCl_3



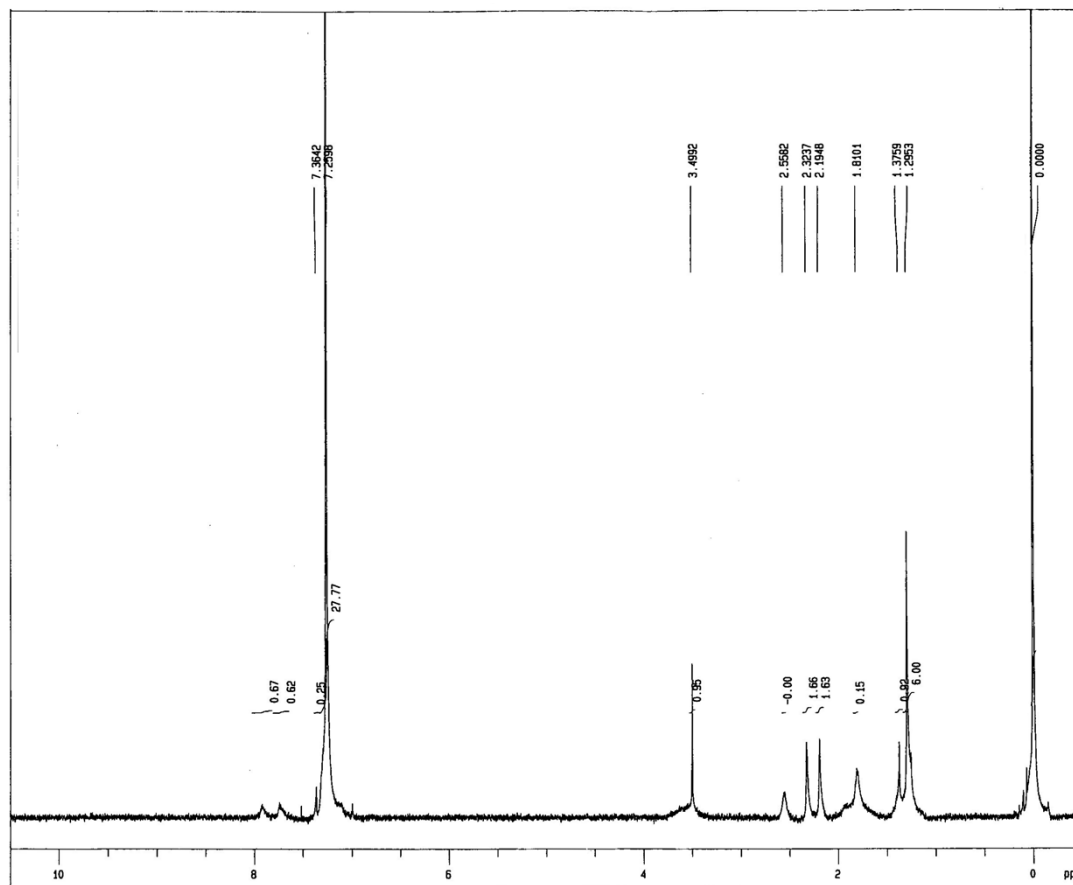
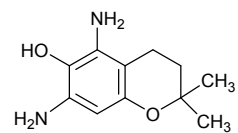
^1H and ^{13}C spectra of 8-acetylamino-6-chromanol (**6b**)
in CDCl_3



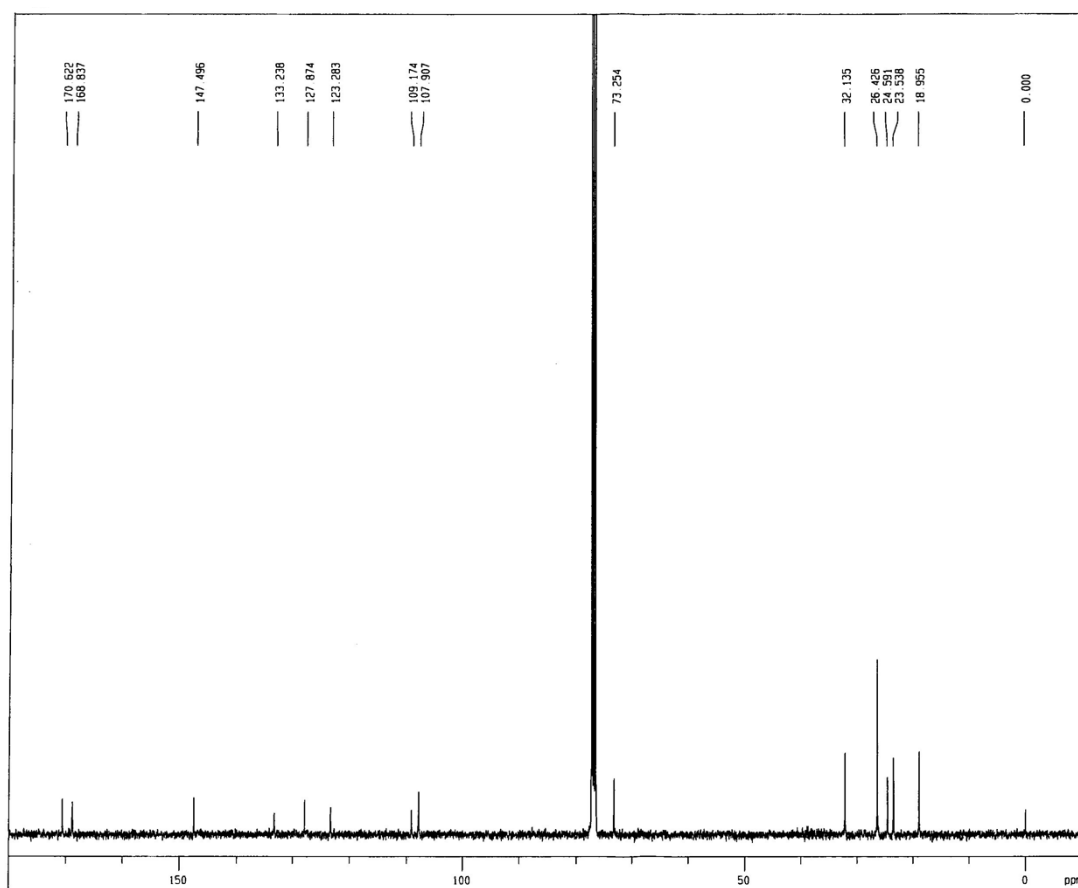
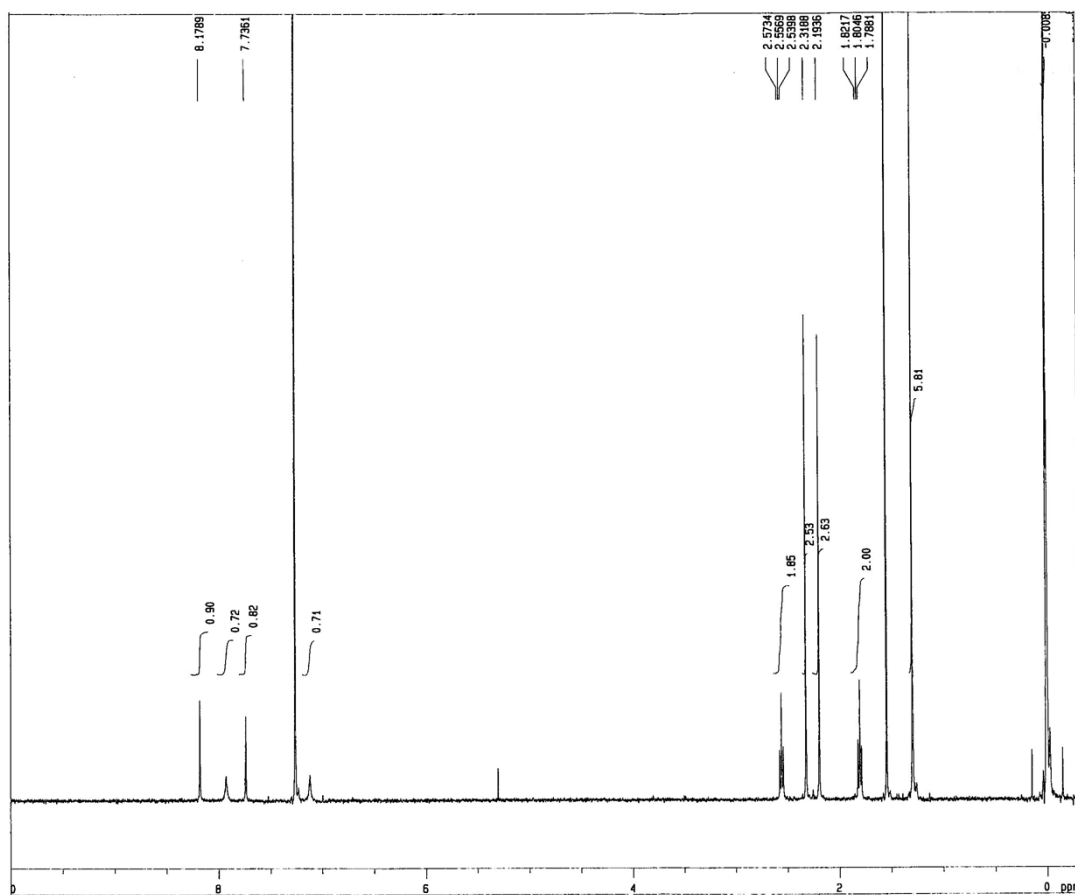
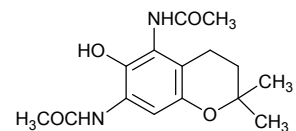
^1H and ^{13}C spectra of 8-nitro-6-chromanol (**6d**) in CDCl_3



^1H spectrum of 5,7-diamino-6-chromanol (**7a**) in CDCl_3



^1H and ^{13}C spectra of 5,7-diacetylamino-6-chromanol (**7b**)
in CDCl_3



^1H and ^{13}C spectra of 5,7-dinitro-6-chromanol (**7d**) in CDCl_3

