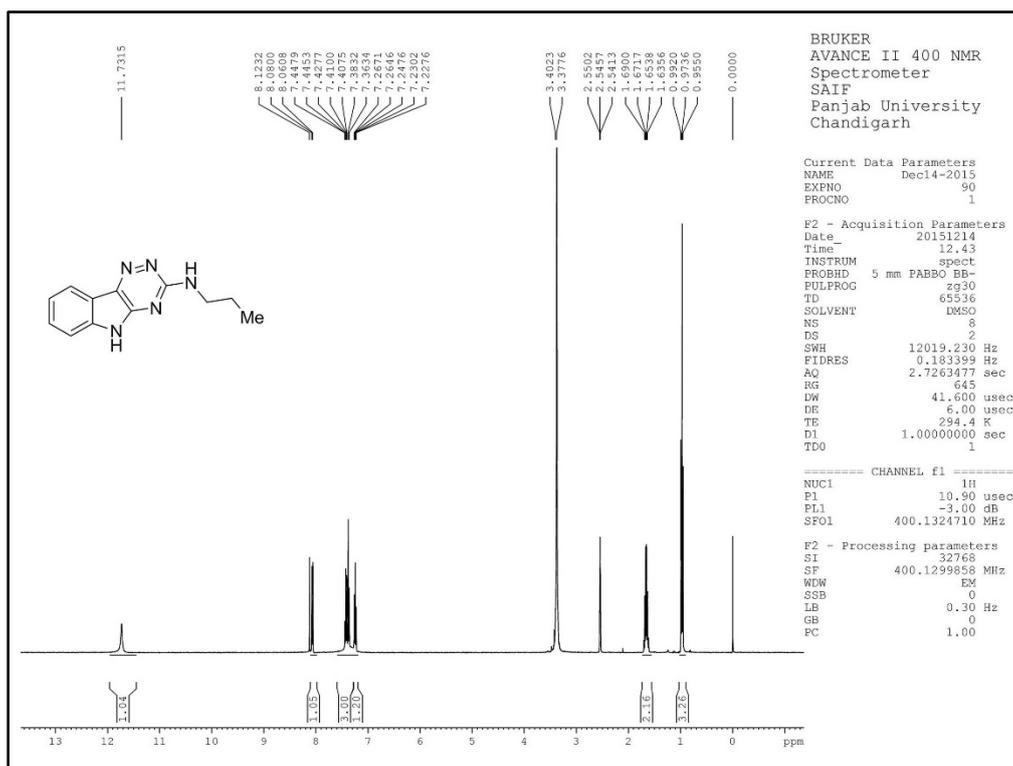
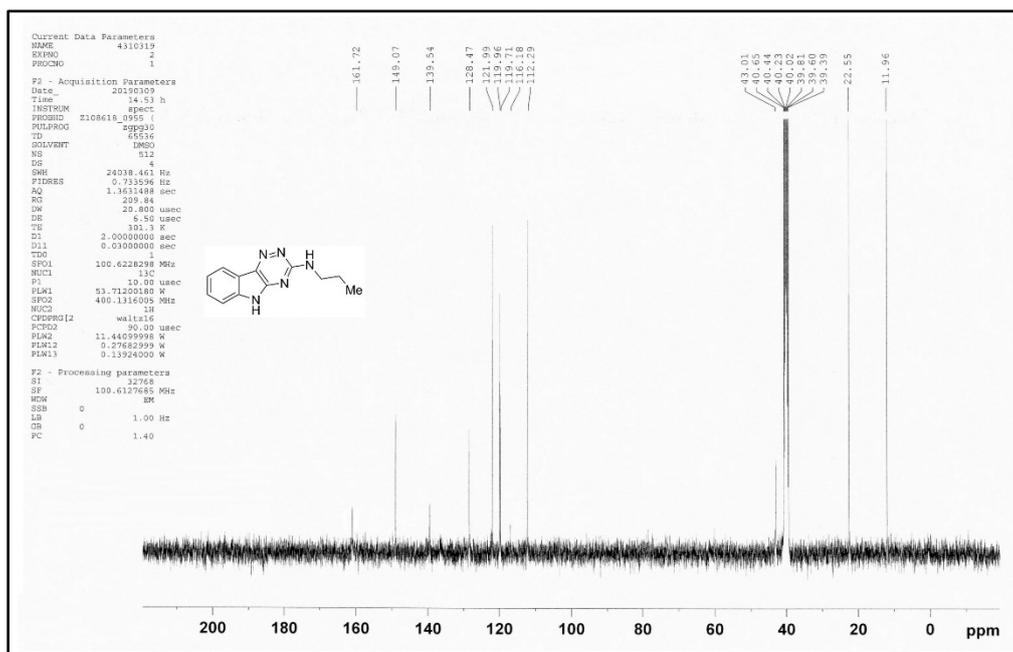
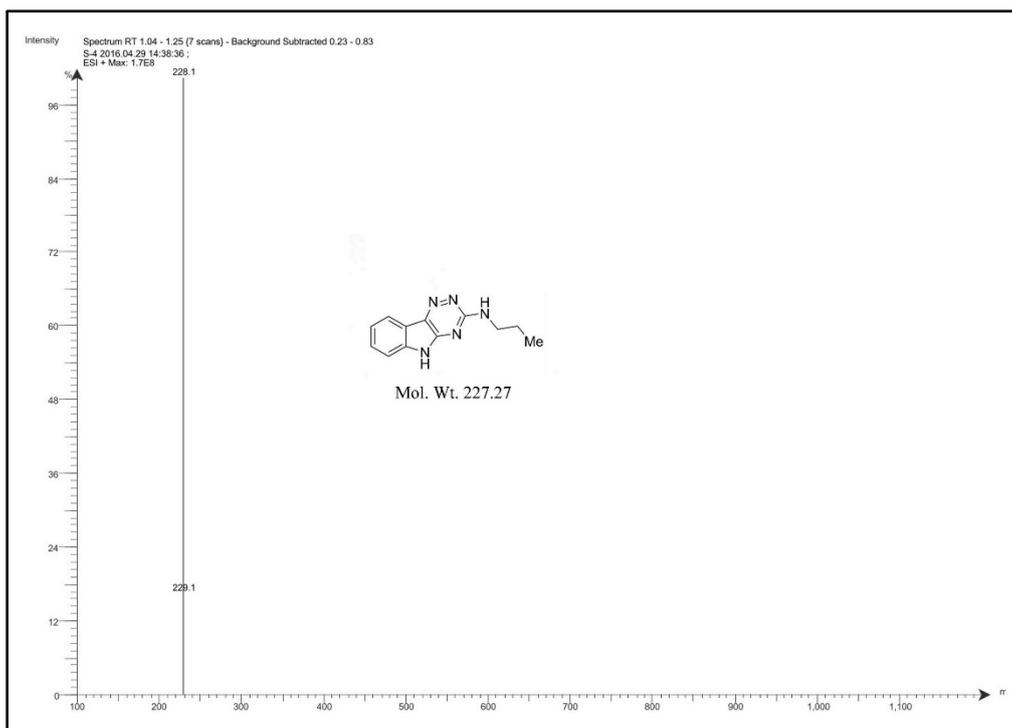
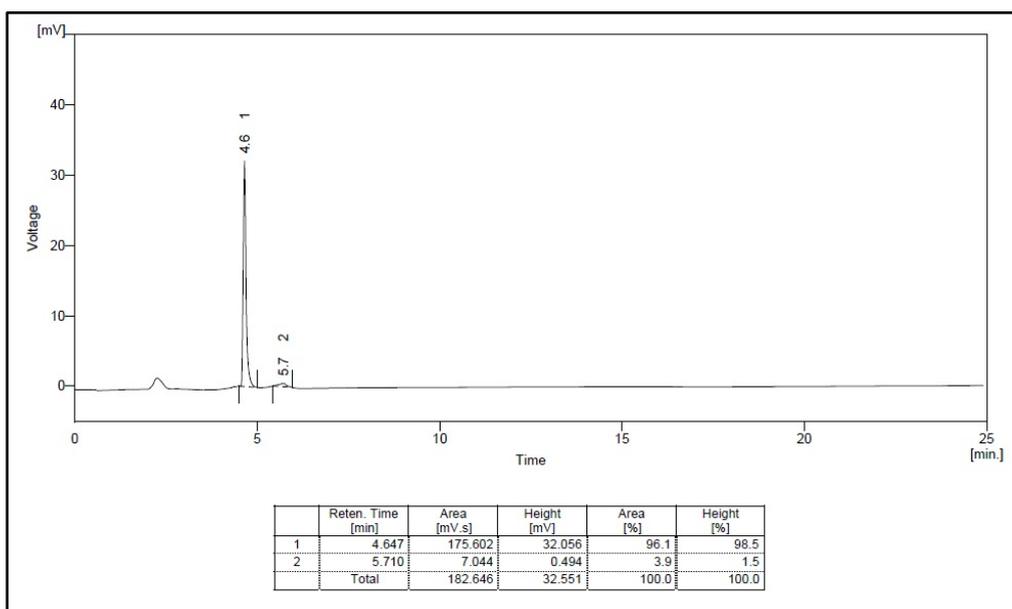
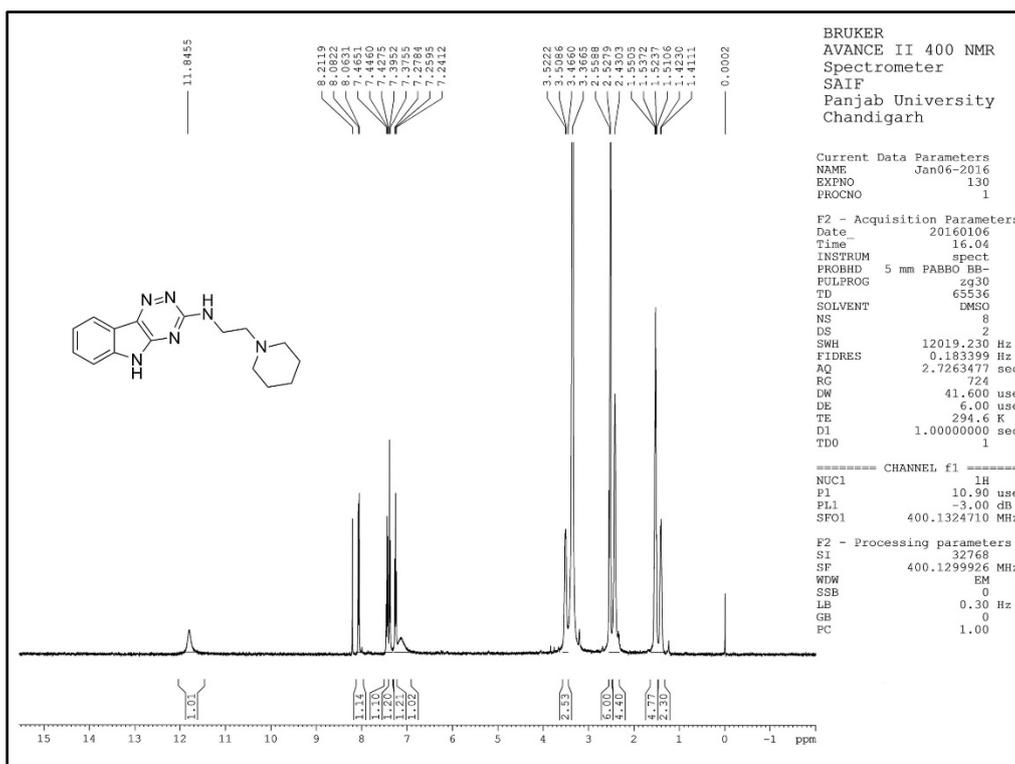
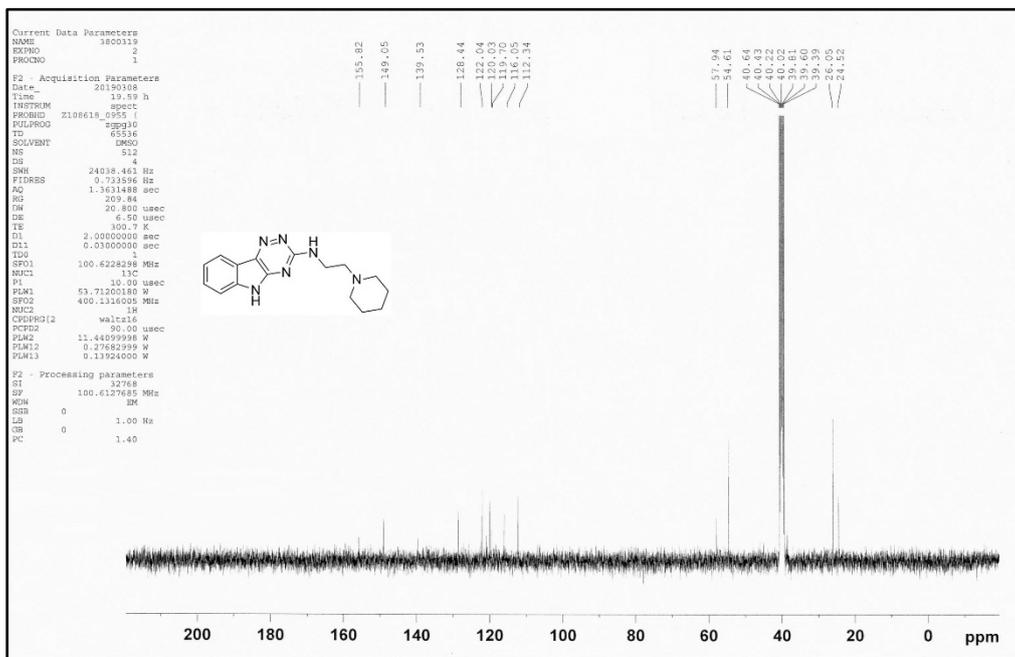
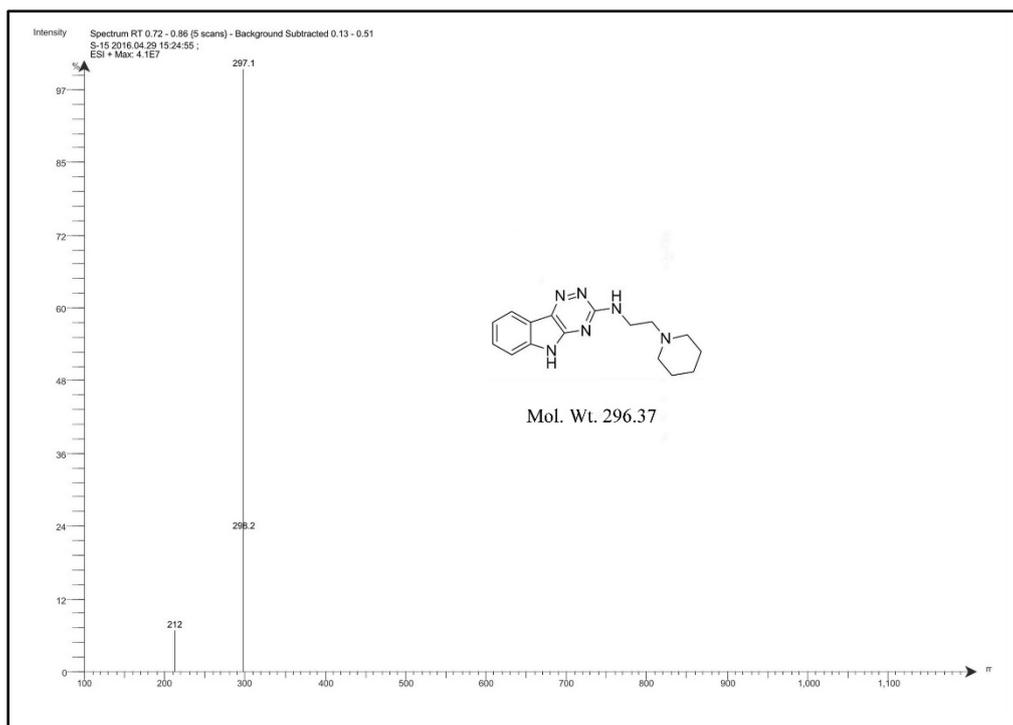
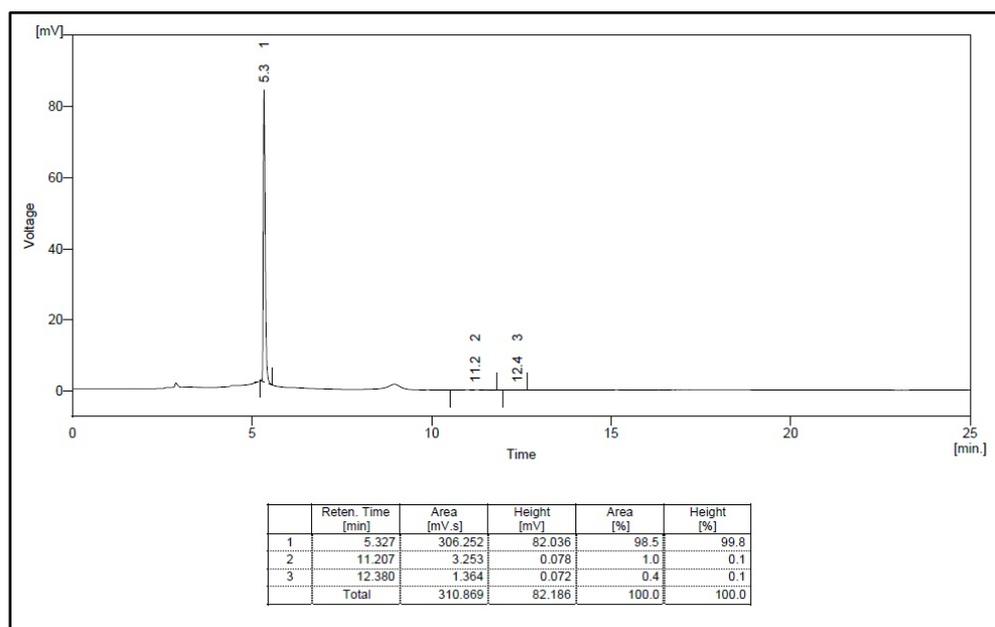


S1. *N*-Propyl-5*H*-[1,2,4]triazino[5,6-*b*]indol-3-amine (71)Figure S1: ^1H -NMR Spectrum of 71 (DMSO- d_6 , 400 MHz)Figure S2: ^{13}C -NMR Spectrum of 71 (DMSO- d_6 , 400 MHz)

**Figure S3:** Mass Spectrum of **71****Figure S4:** HPLC chromatogram of **71** (purity: 96.1%, $t_R = 4.6$ min)

S2. *N*-(2-(Piperidin-1-yl)ethyl)-5*H*-[1,2,4]triazino[5,6-*b*]indol-3-amine (79)Figure S5: ^1H -NMR Spectrum of 79 (DMSO- d_6 , 400 MHz)Figure S6: ^{13}C -NMR Spectrum of 79 (DMSO- d_6 , 400 MHz)

**Figure S7: Mass Spectrum of 79****Figure S8: HPLC chromatogram of 79 (purity: 98.5%, $t_R = 5.3$ min)**

S3. 5-Methyl-5H-[1,2,4]triazino[5,6-b]indol-3-amine (117)

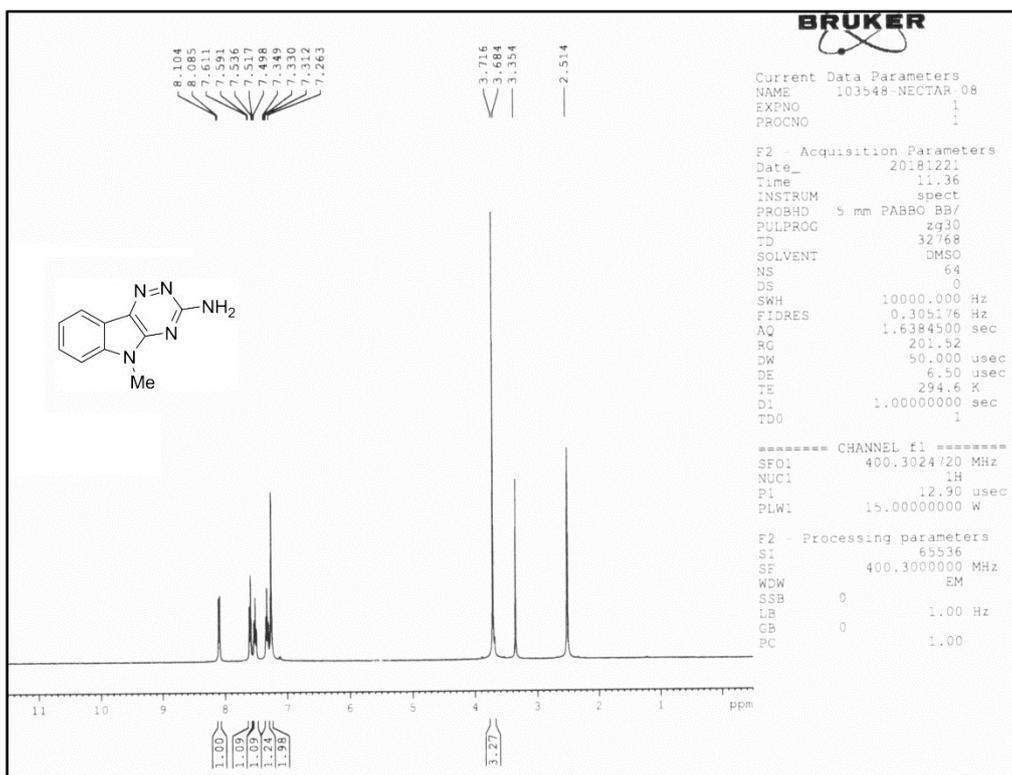
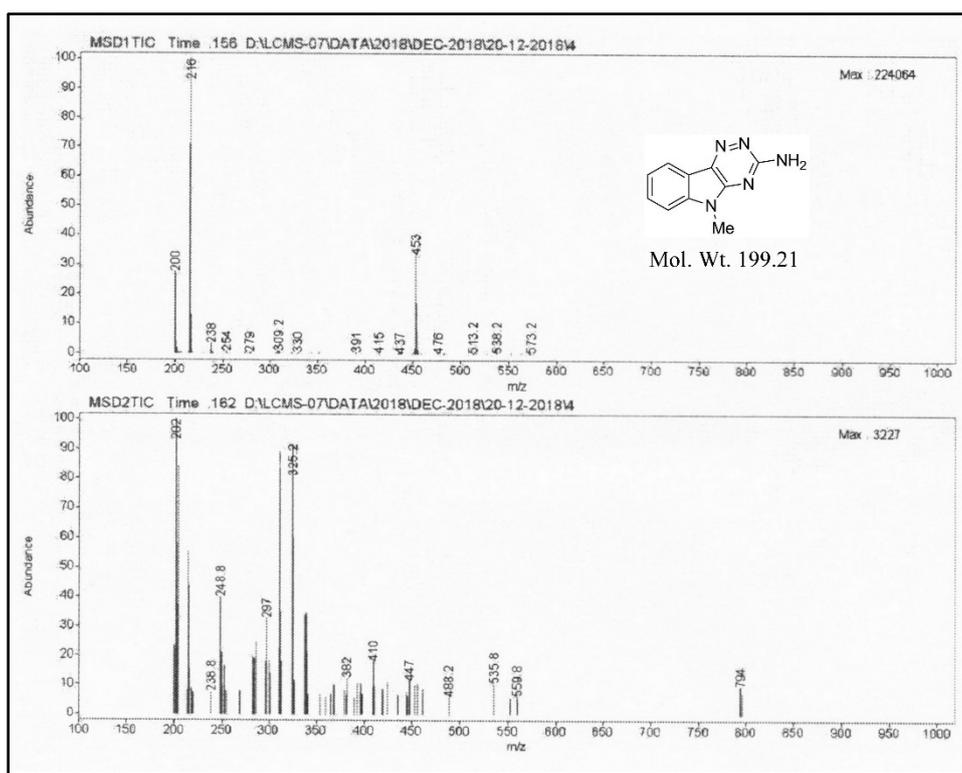
Figure S9: ¹H-NMR Spectrum of 117 (DMSO-*d*₆, 400 MHz)

Figure S10: Mass Spectrum of 117

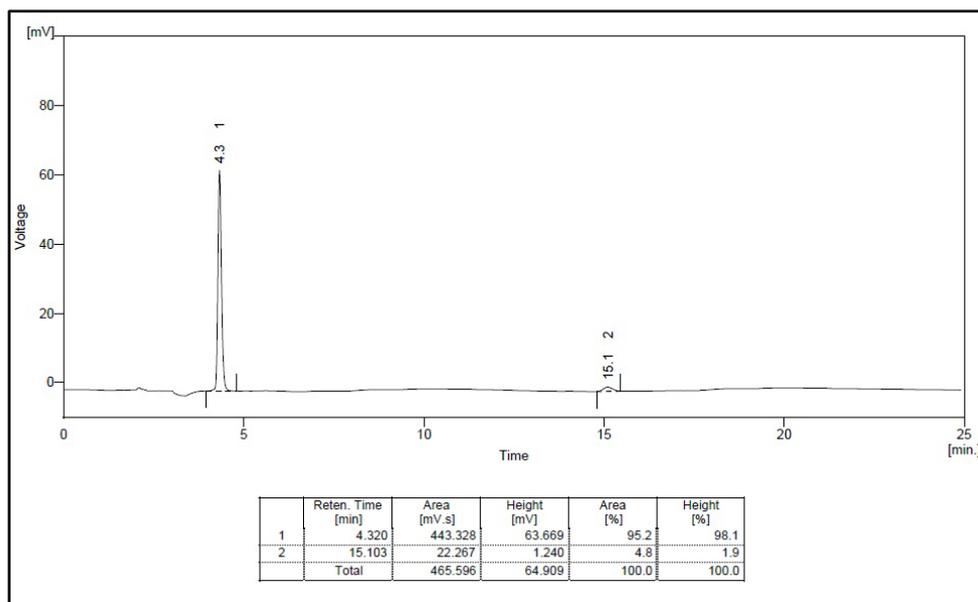


Figure S11: HPLC chromatogram of **117** (purity: 95.2%, $t_R = 4.3$ min)

S4: 5-(2-Methylbenzyl)-5*H*-[1,2,4]triazino[5,6-*b*]indol-3-amine (**122**)

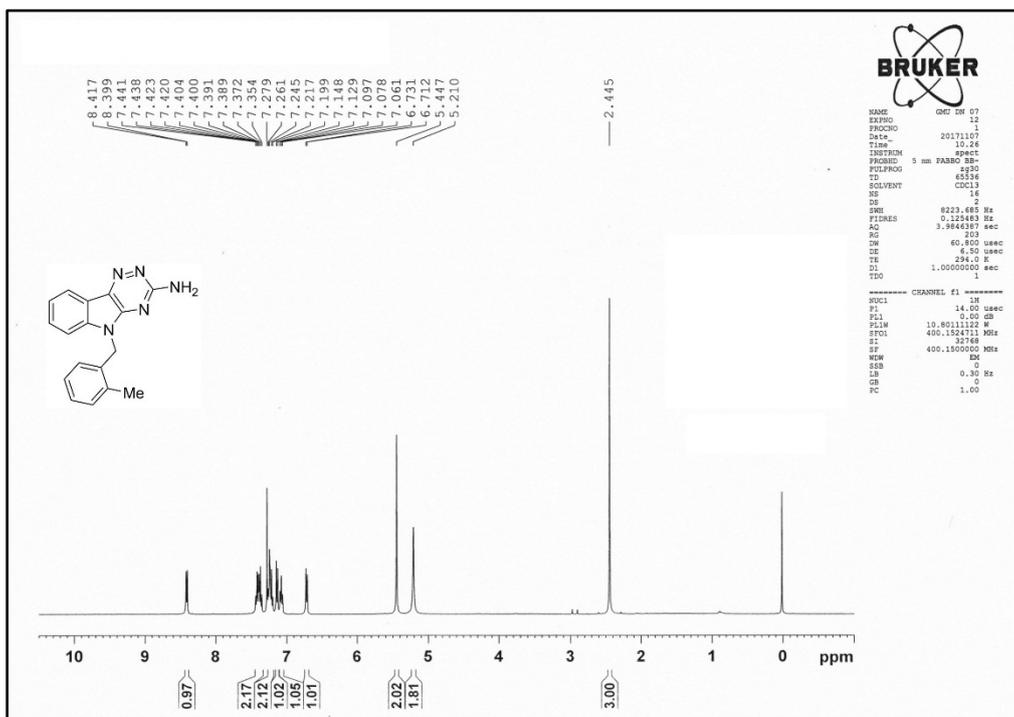


Figure S12: $^1\text{H-NMR}$ Spectrum of **122** (CDCl_3 , 400 MHz)

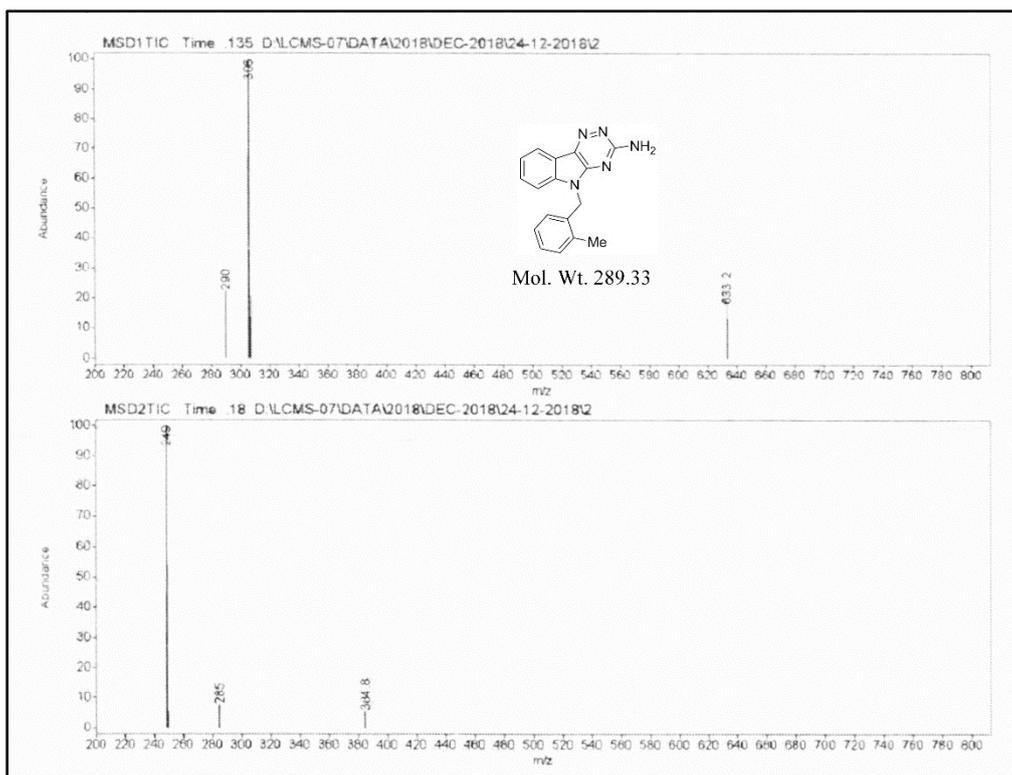
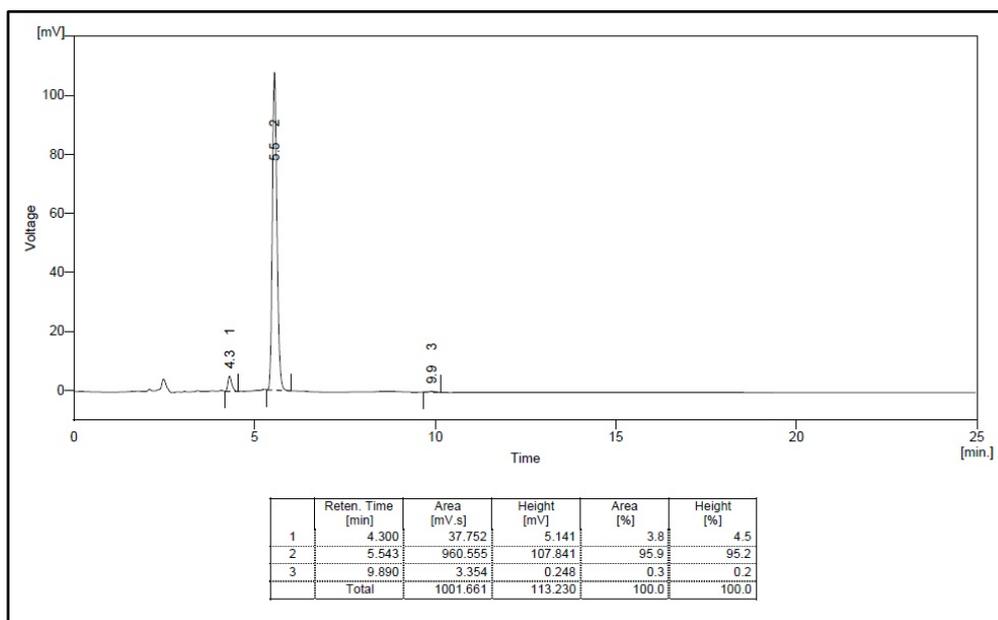


Figure S13: Mass Spectrum of 122

Figure S14: HPLC chromatogram of 122 (purity: 95.2%, $t_R = 5.5$ min)

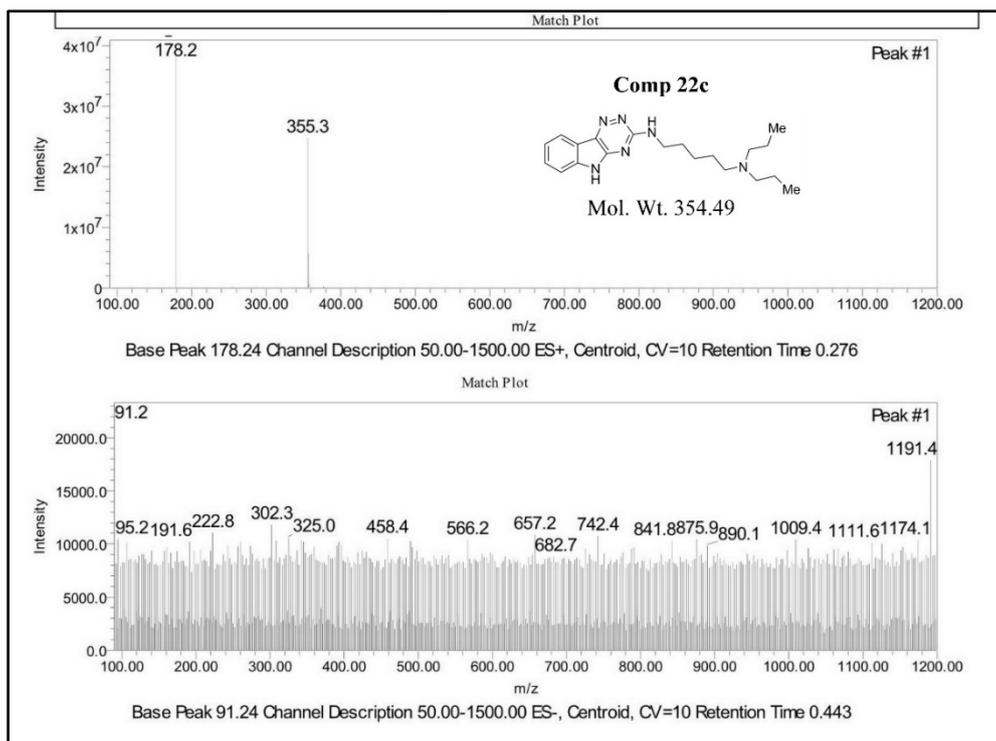


Figure S17: Mass Spectrum of **189**

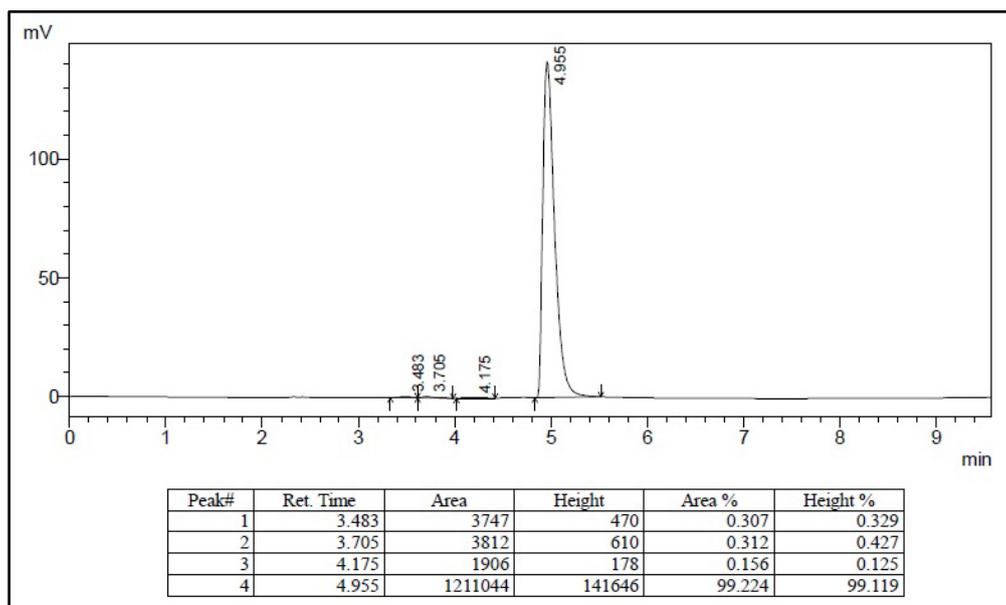


Figure S18: HPLC chromatogram of **189** (purity: 99.2%, $t_R = 4.96$ min)

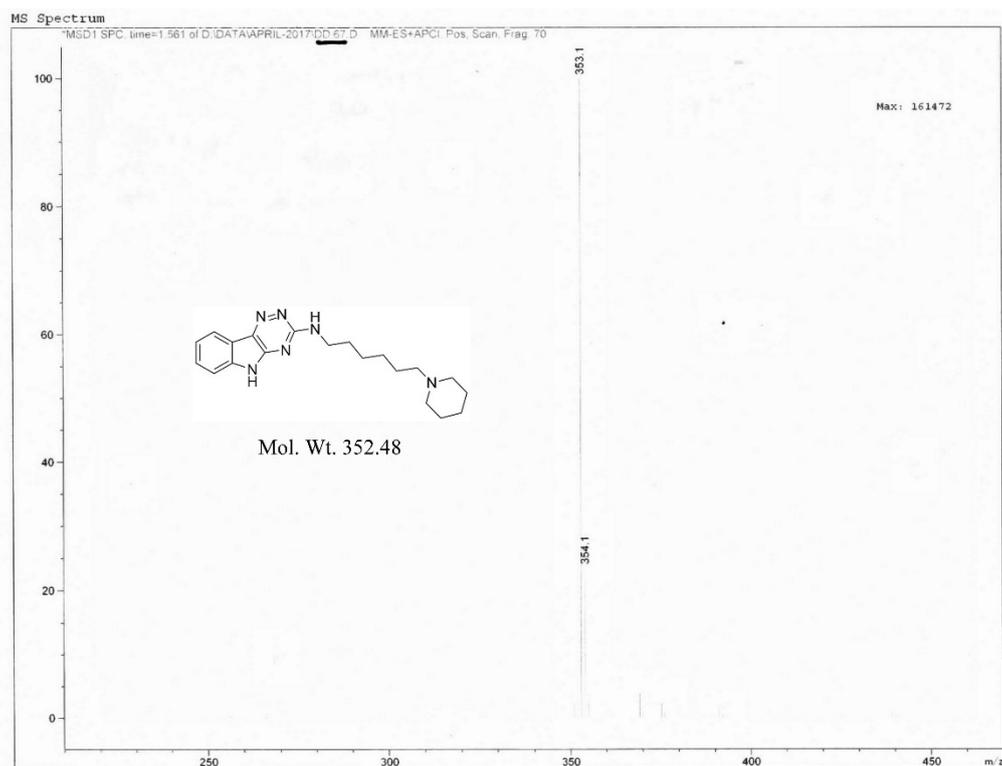


Figure S21: Mass Spectrum of **199**

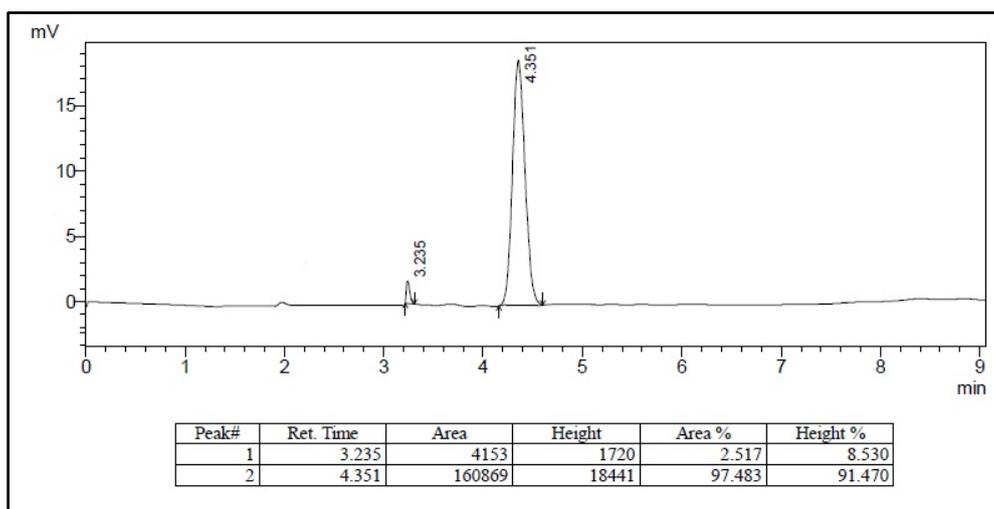
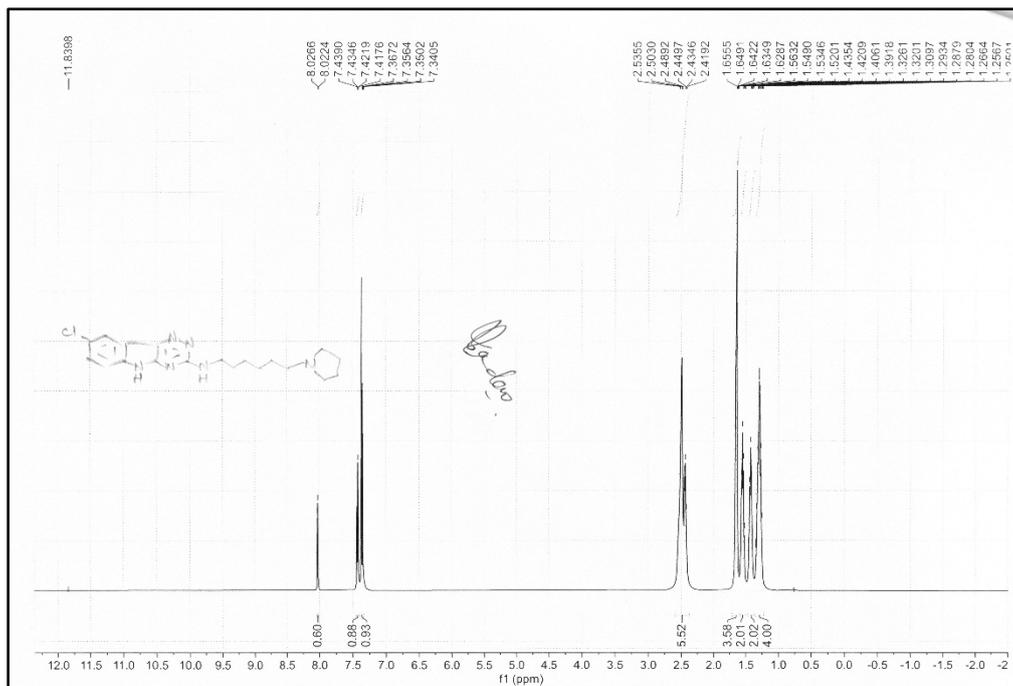
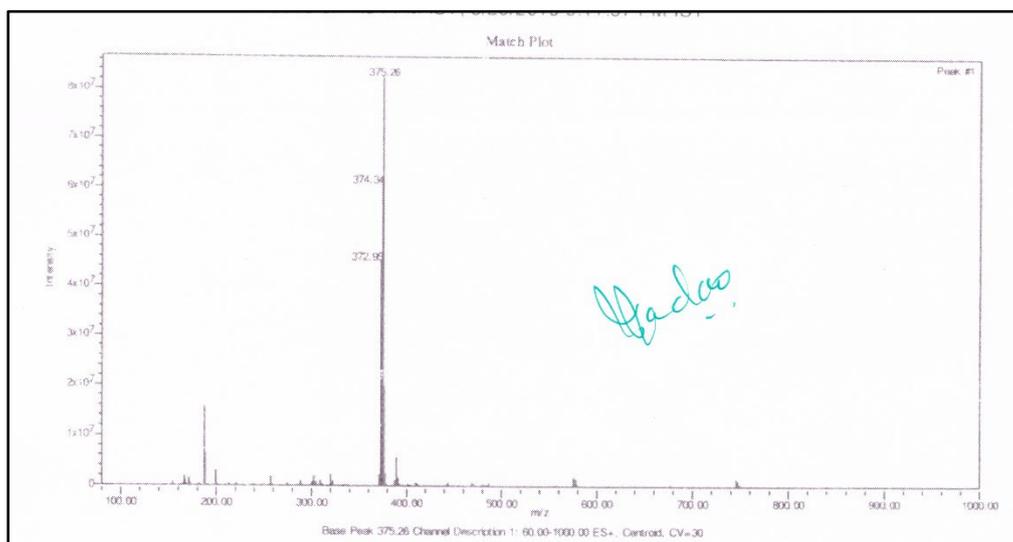


Figure S22: HPLC chromatogram of **199** (purity: 97.5%, $t_R = 4.4$ min)

S7: 8-Chloro-N-(6-(pyrrolidin-1-yl)hexyl)-5H-[1,2,4]triazino[5,6-b] indol-3-amine (249)**Figure S23:** ¹H-NMR Spectrum of 249 (DMSO-d₆, 400 MHz)**Figure S24:** Mass Spectrum of 249

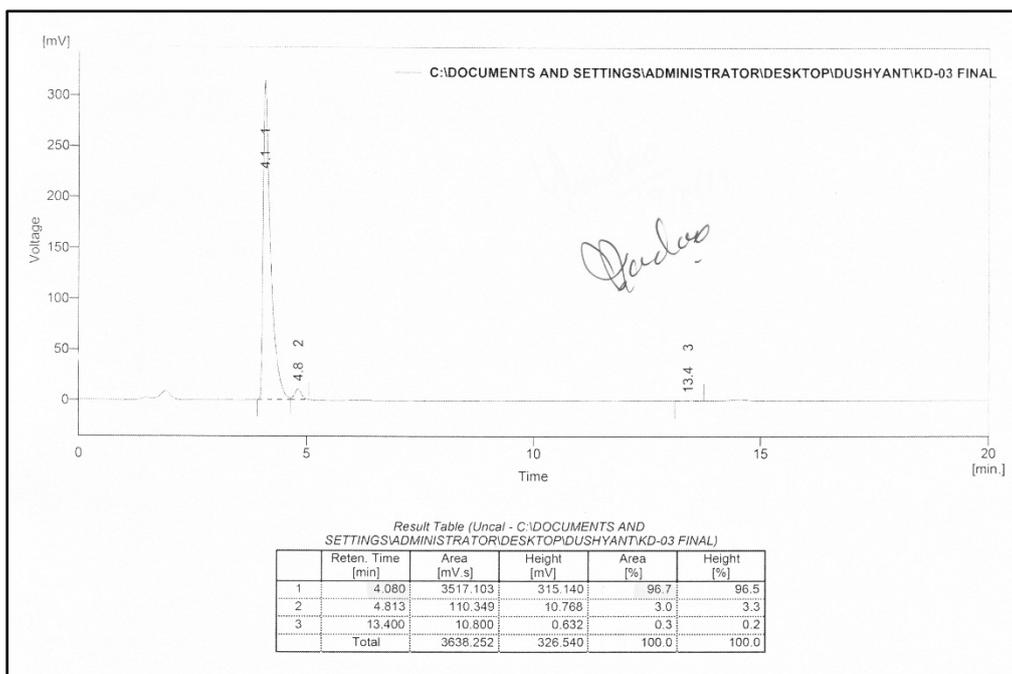


Figure S25: HPLC chromatogram of **249** (Purity: 96.7 %, t_R = 4.08 min)

S8: 8-(Piperidin-1-yl)-N-(6-(pyrrolidin-1-yl)hexyl)-5H-[1,2,4] triazino[5,6-*b*]indol-3-amine (261)

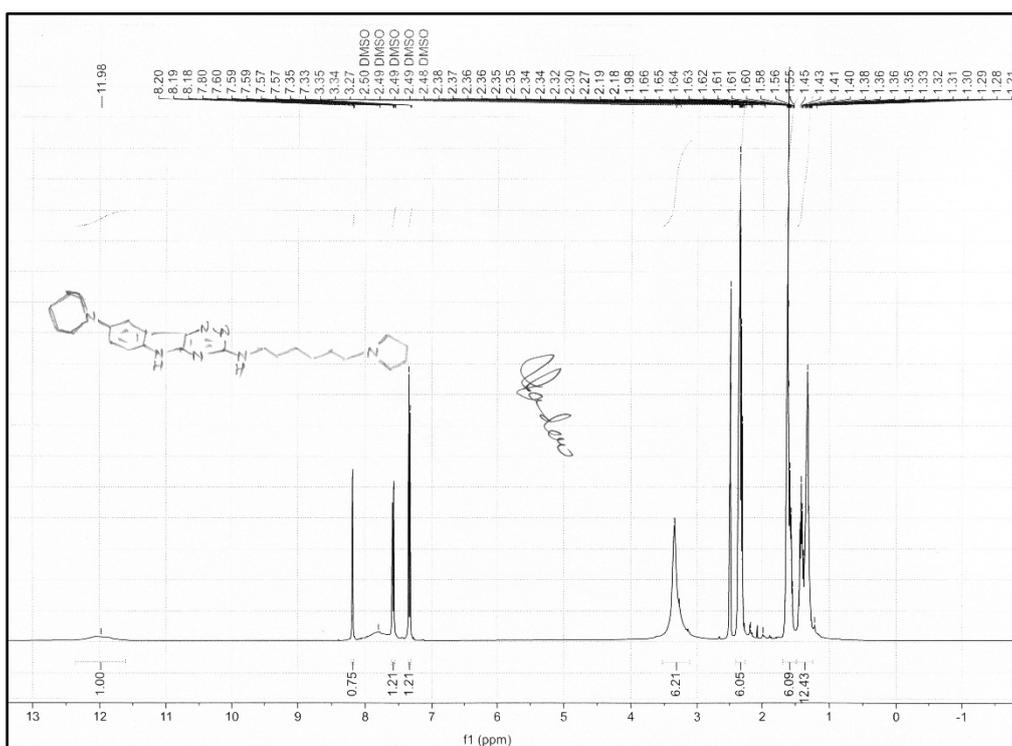


Figure S26: $^1\text{H-NMR}$ Spectrum of **261** ($\text{DMSO-}d_6$, 400 MHz)

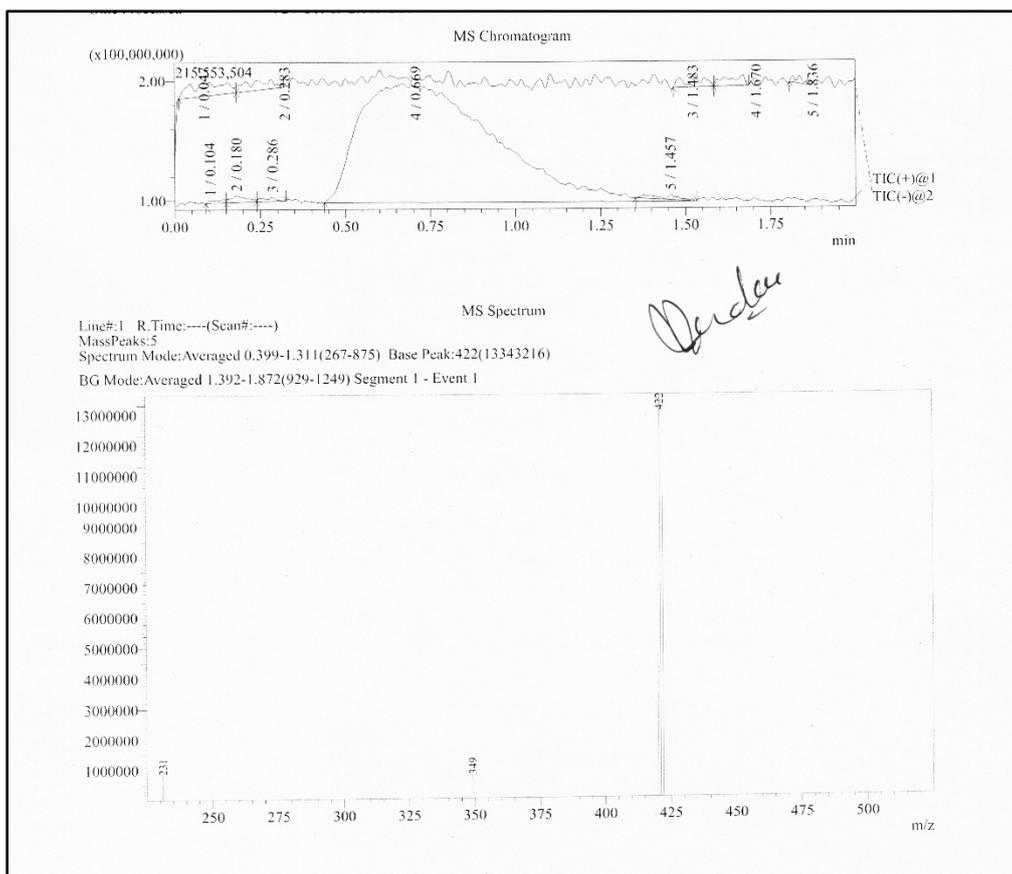


Figure S27: Mass Spectrum of 261

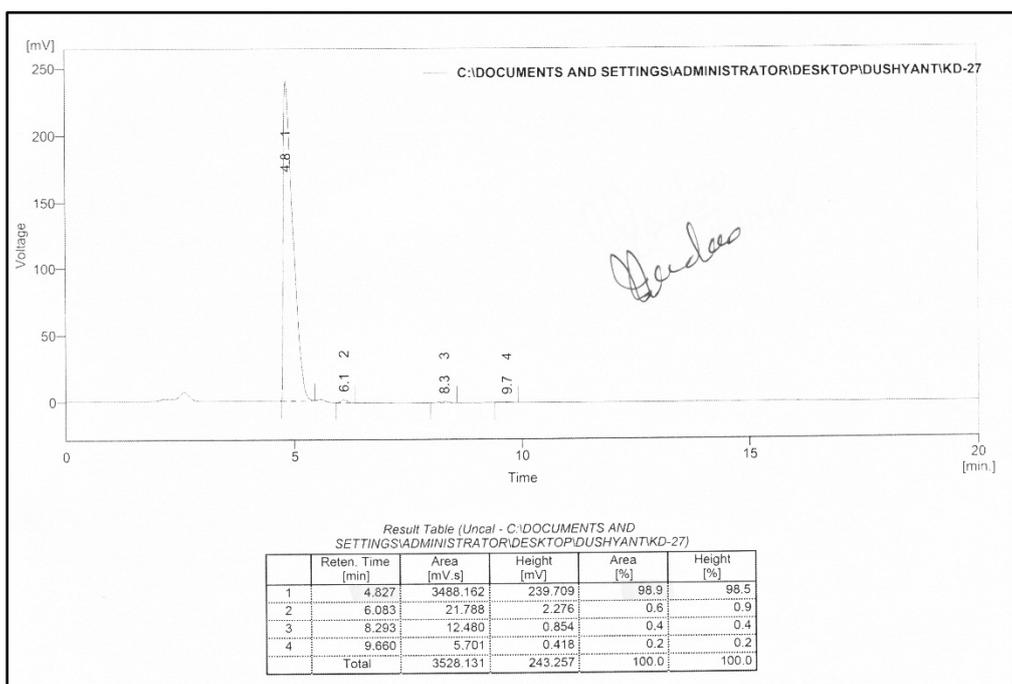
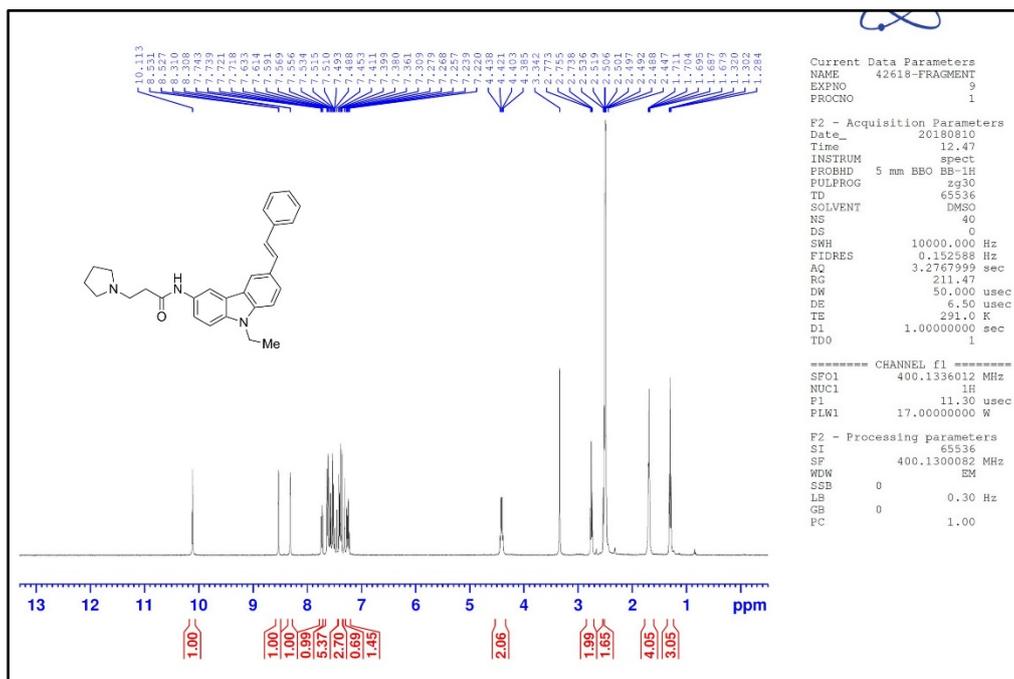


Figure S28: HPLC chromatogram of 261 (Purity: 98.9 %, t_R = 4.827 min)

S9: (E)-N-(9-Ethyl-6-styryl-9H-carbazol-3-yl)-3-(pyrrolidin-1-yl)propanamide (275)**Figure S29: $^1\text{H-NMR}$ Spectrum of 275 (DMSO- d_6 , 400 MHz)**

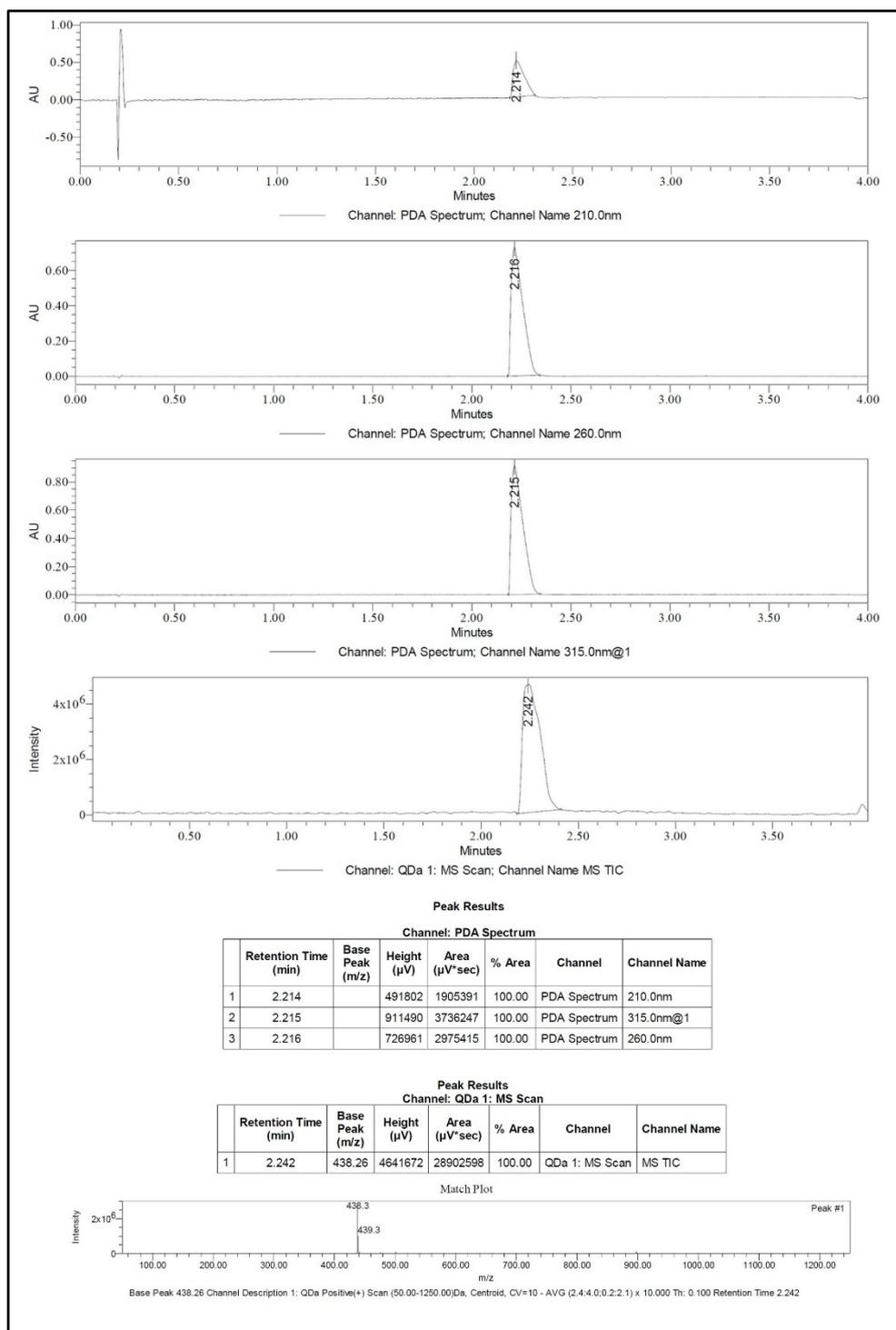


Figure S30: LCMS of **275** (438.26 [M+H]⁺; Purity: nearly 100 %)

S10: (*E*)-1-(9-Ethyl-3-styryl-9*H*-carbazol-6-yl)-3-(3-(piperidin-1-yl)propyl)urea (286)

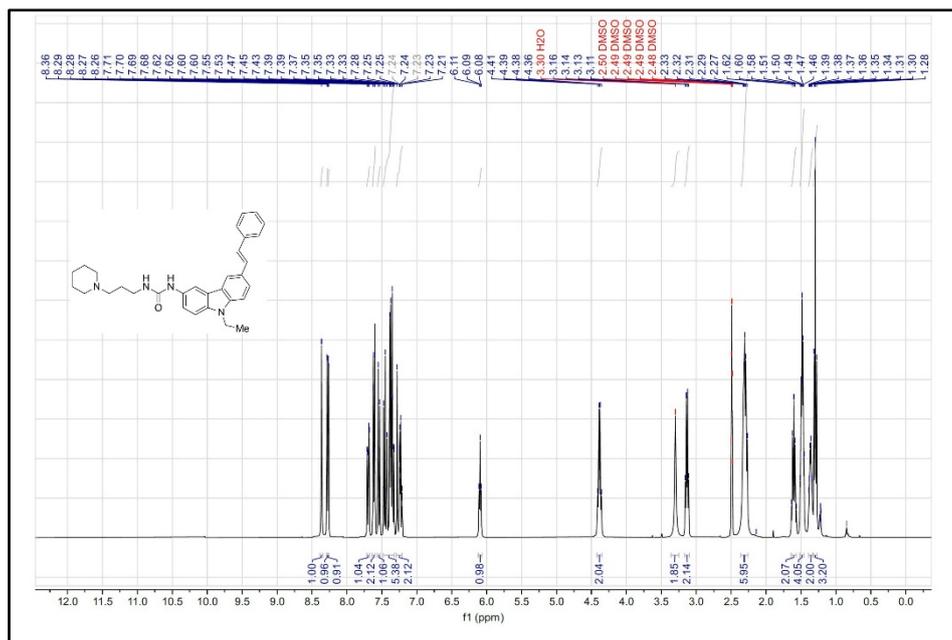


Figure S31: $^1\text{H-NMR}$ Spectrum of **286** ($\text{DMSO-}d_6$, 400 MHz)

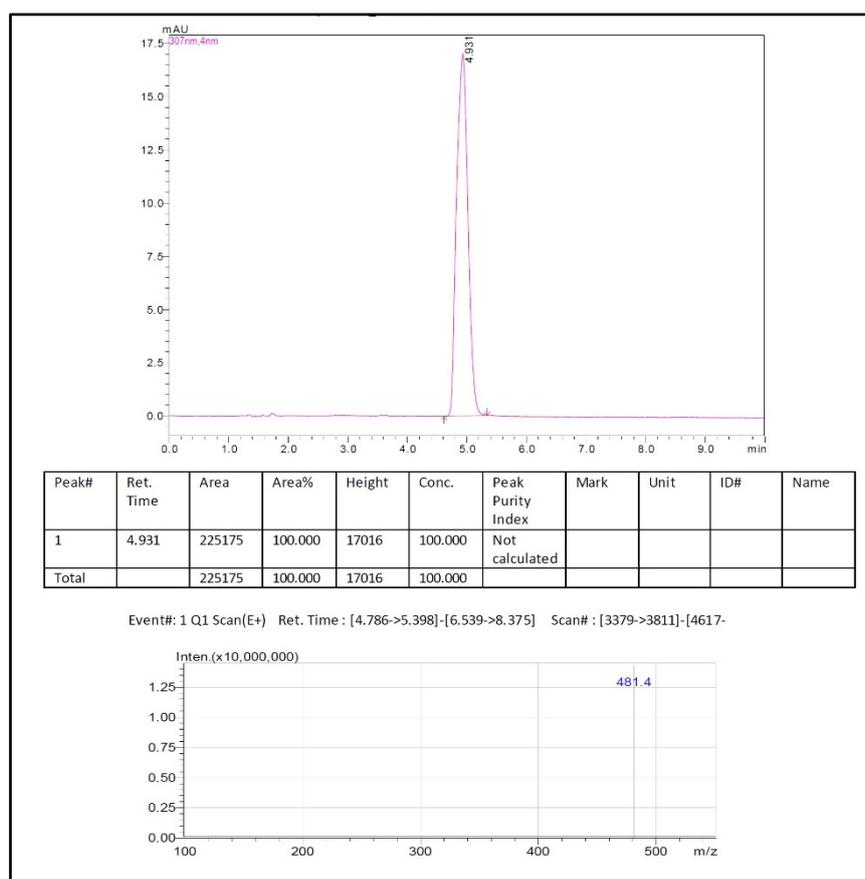


Figure S32: LCMS of **286** ($481.4 [\text{M}+\text{H}]^+$; Purity: nearly 100 %)

S11: (E)-N-(4-(2-(9-Ethyl-9H-carbazol-3-yl)vinyl)phenyl)-2-(pyrrolidin-1-yl)acetamide (293)

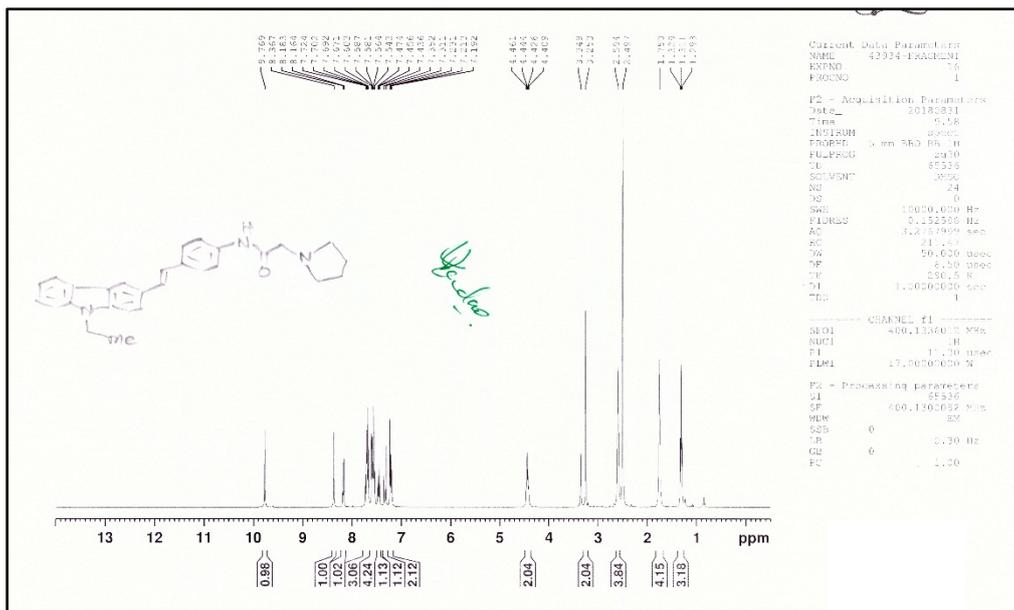


Figure S33: ¹H-NMR Spectrum of 293 (DMSO-*d*₆, 400 MHz)

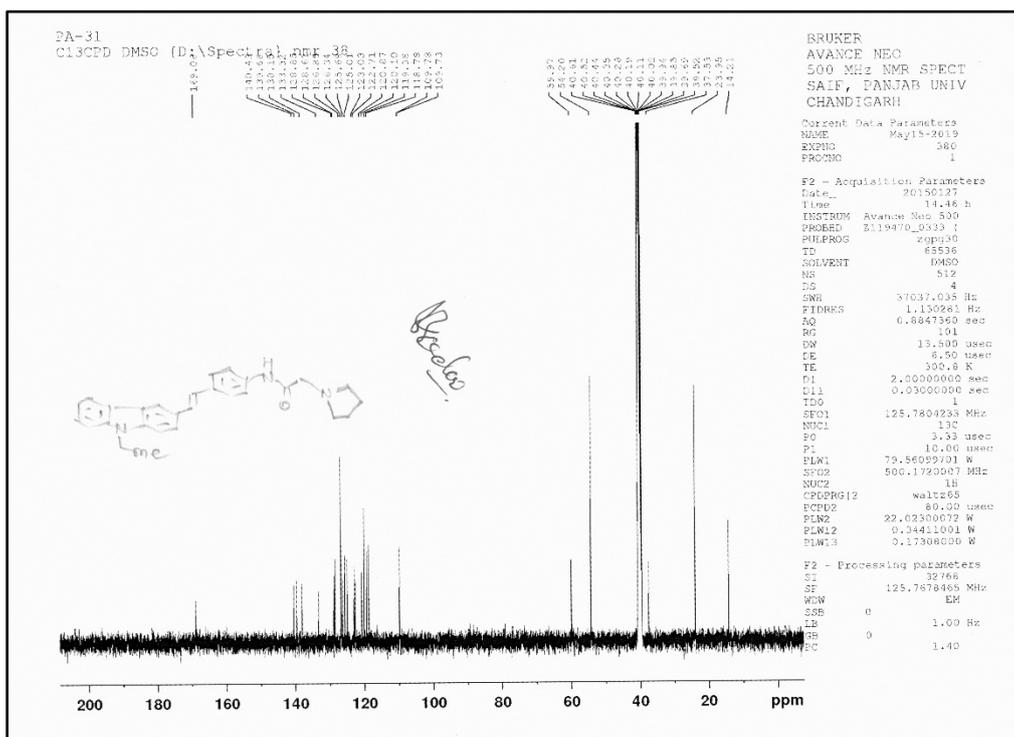


Figure S34: ¹³C-NMR Spectrum of 293 (DMSO-*d*₆, 400 MHz)

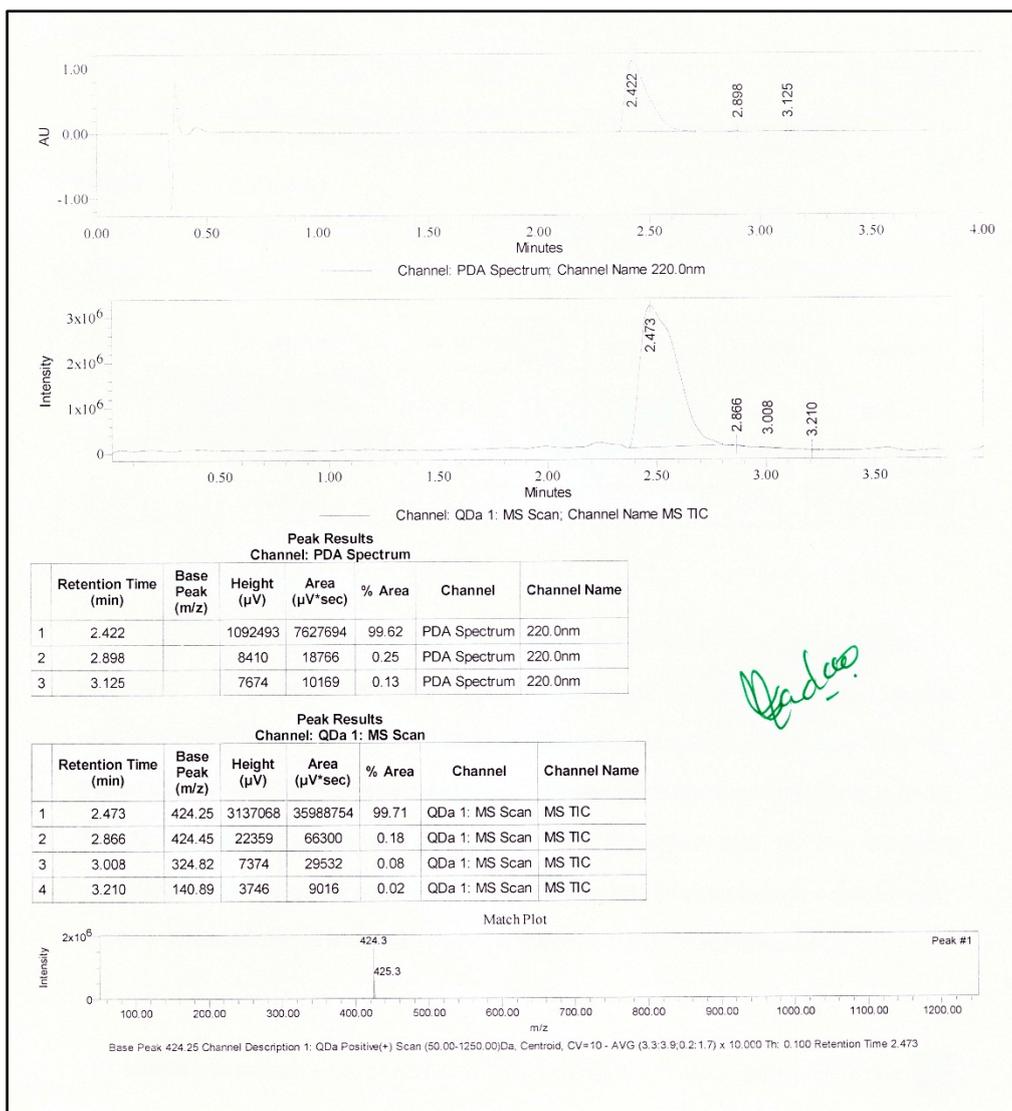


Figure S35: LCMS of **293** (424.25 [M+H]⁺; Purity: 99.71%)

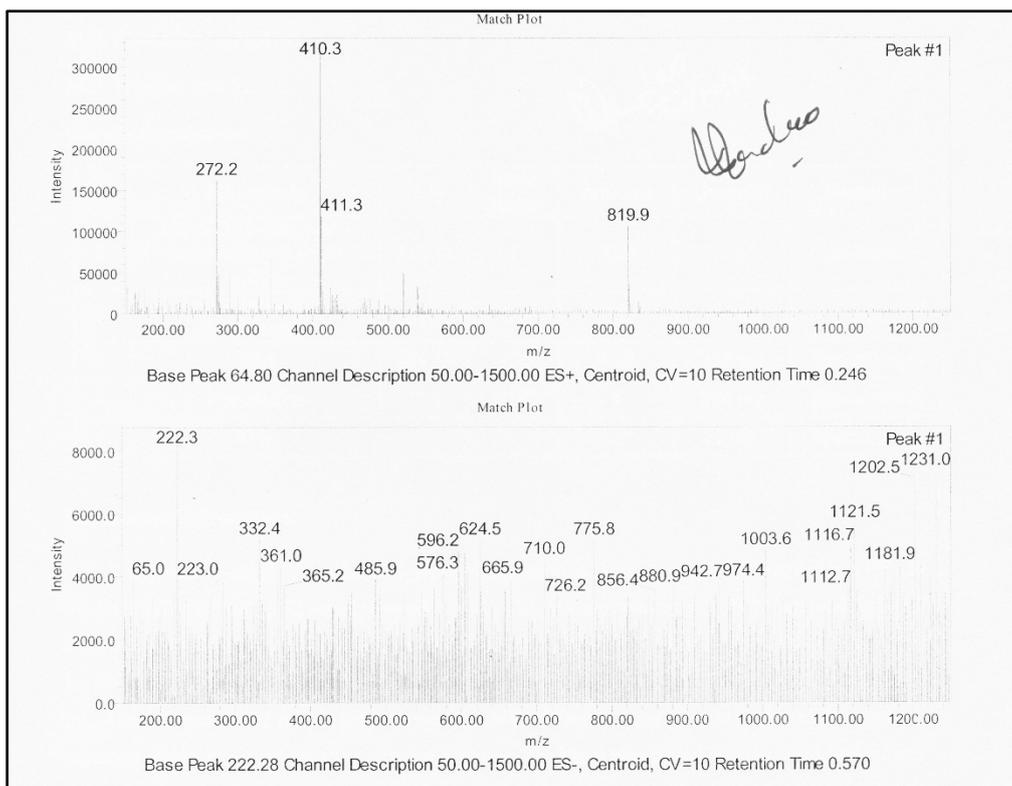


Figure S38: Mass Spectrum of 301

S13: (E)-1-(4-(2-(9-Ethyl-9H-carbazol-3-yl)vinyl)phenyl)-3-(2-(pyrrolidin-1-yl)ethyl)thiourea (305)

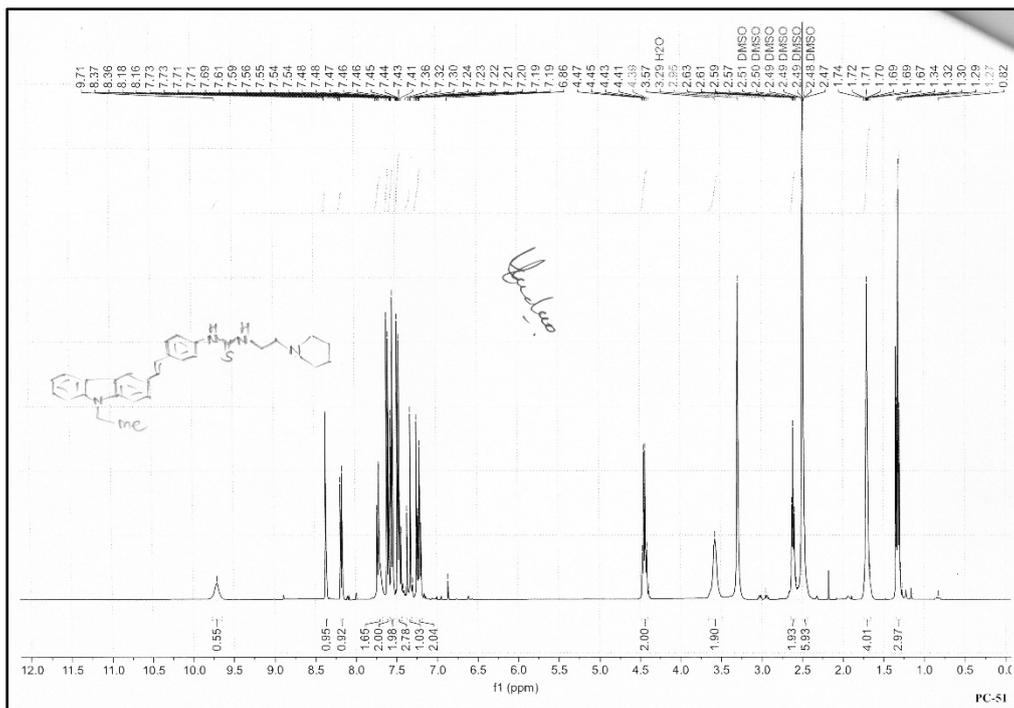


Figure S39: ¹H-NMR Spectrum of 305 (DMSO-d₆, 400 MHz)

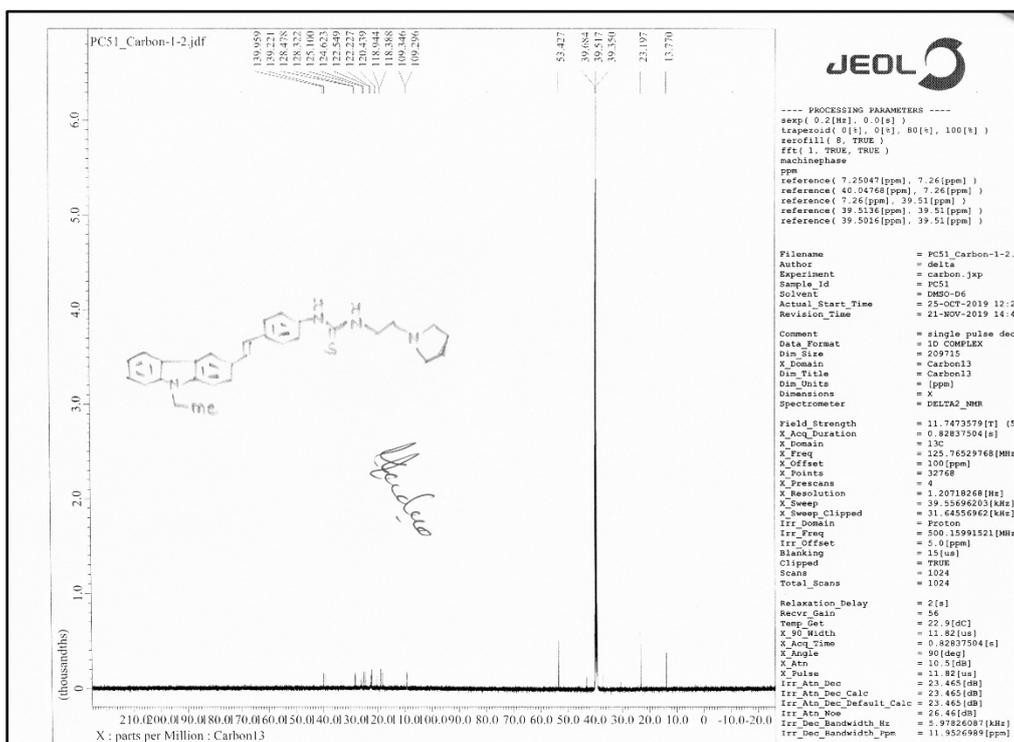


Figure S40: ¹³C-NMR Spectrum of 305 (DMSO-d₆, 400 MHz)

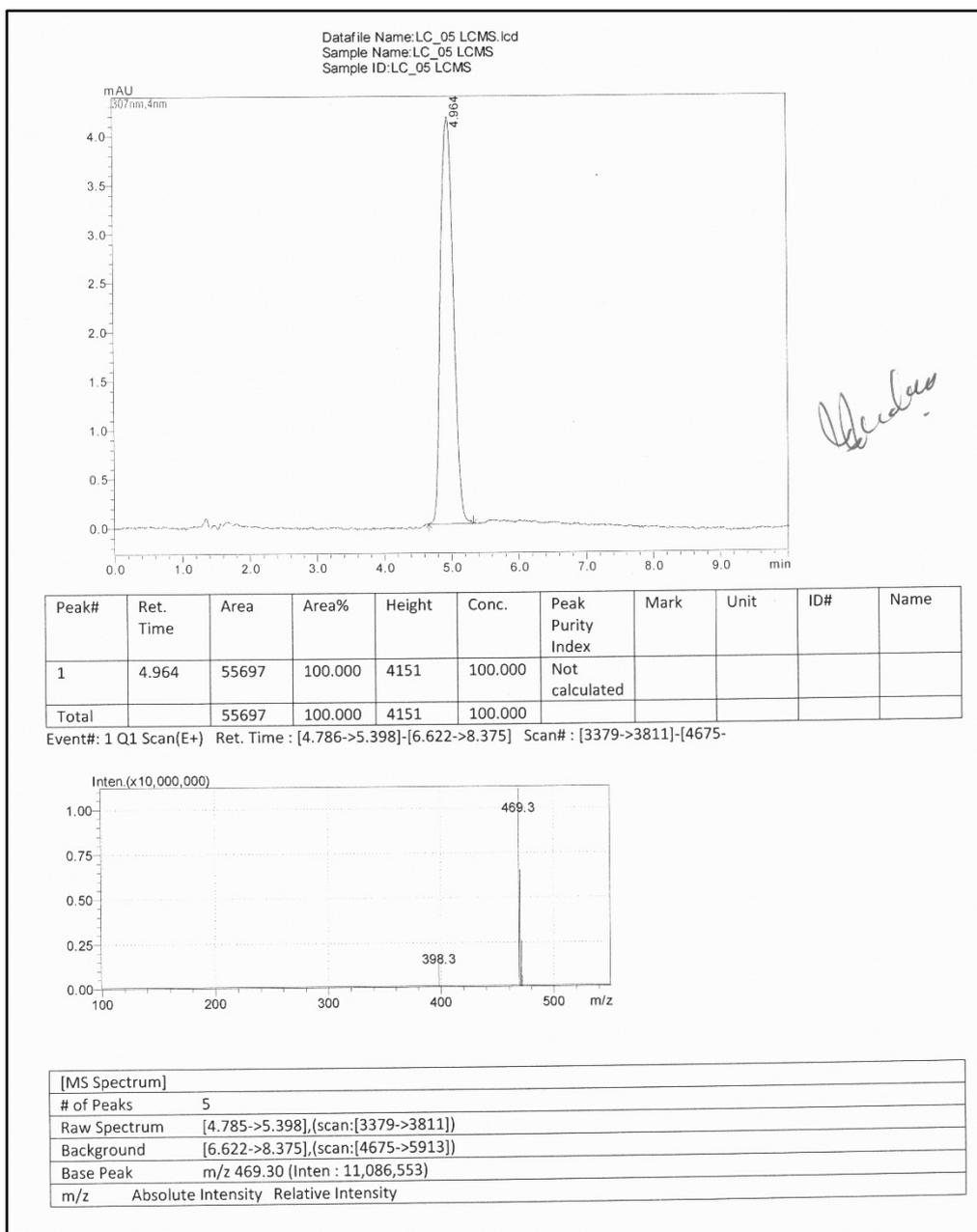


Figure S41: LCMS of **305** ($469.3 [M+H]^+$, Purity: nearly 100 %)

S14: *N*-(9-Ethyl-9*H*-naphtho[2,1-*c*]carbazol-2-yl)-4-(piperidin-1-yl)butanamide (317)

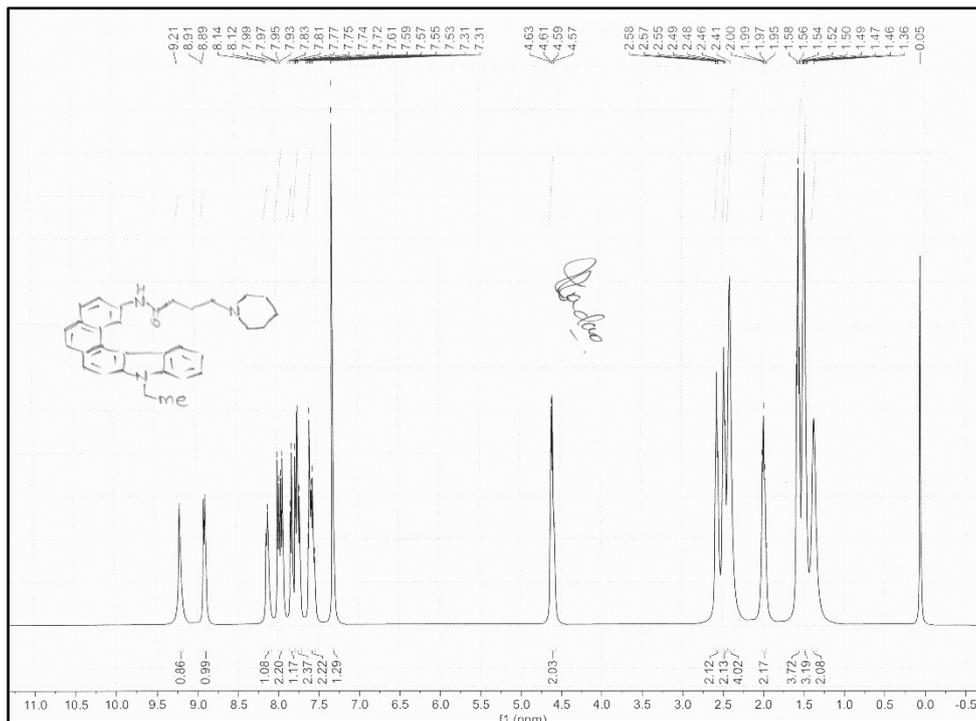


Figure S42: ¹H-NMR Spectrum of 317 (DMSO-*d*₆, 400 MHz)

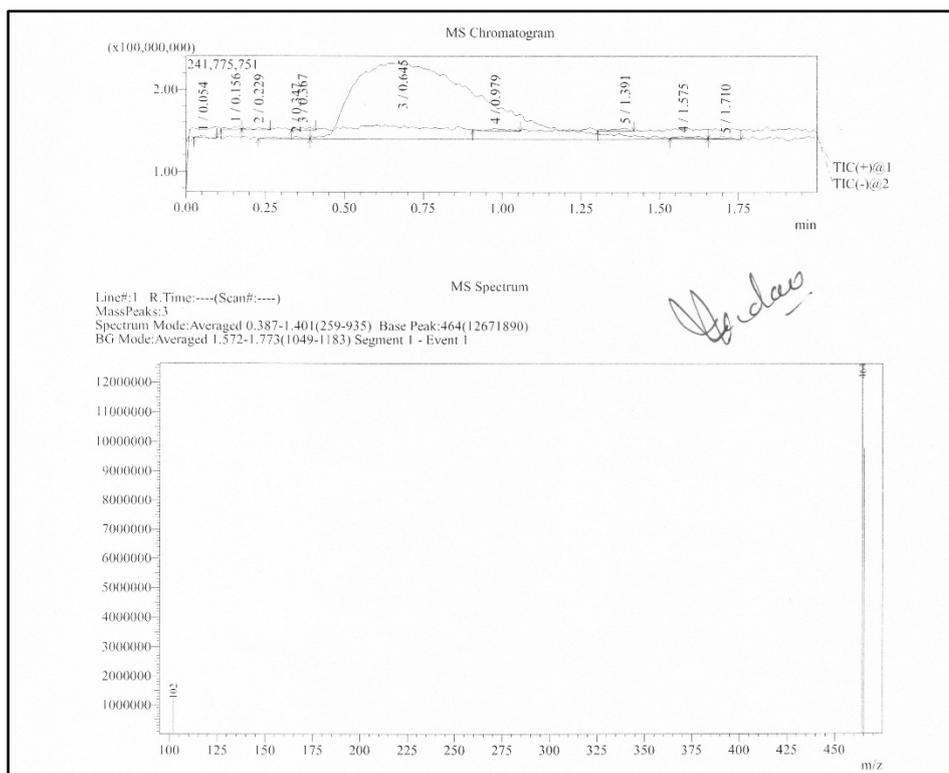


Figure S43: Mass Spectrum of 317

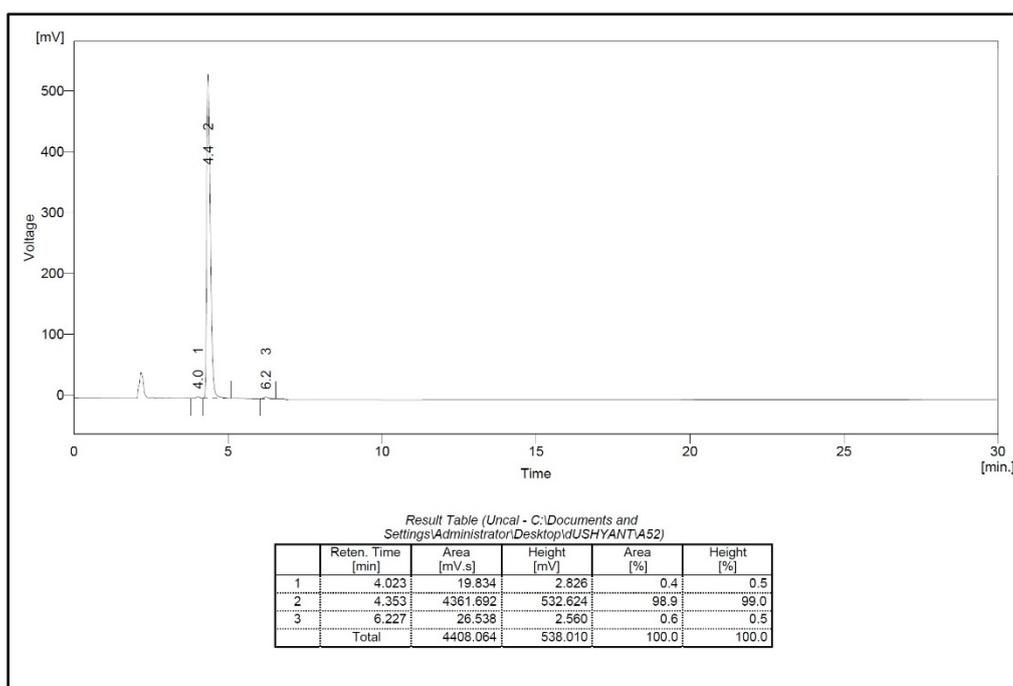


Figure S44: HPLC chromatogram of **317** (Purity: 98.9 %, t_R = 4.02 min)

S15: 1-(9-Ethyl-9H-naphtho[2,1-c]carbazol-2-yl)-3-(3-(piperidin-1-yl)propyl)thiourea (**329**)

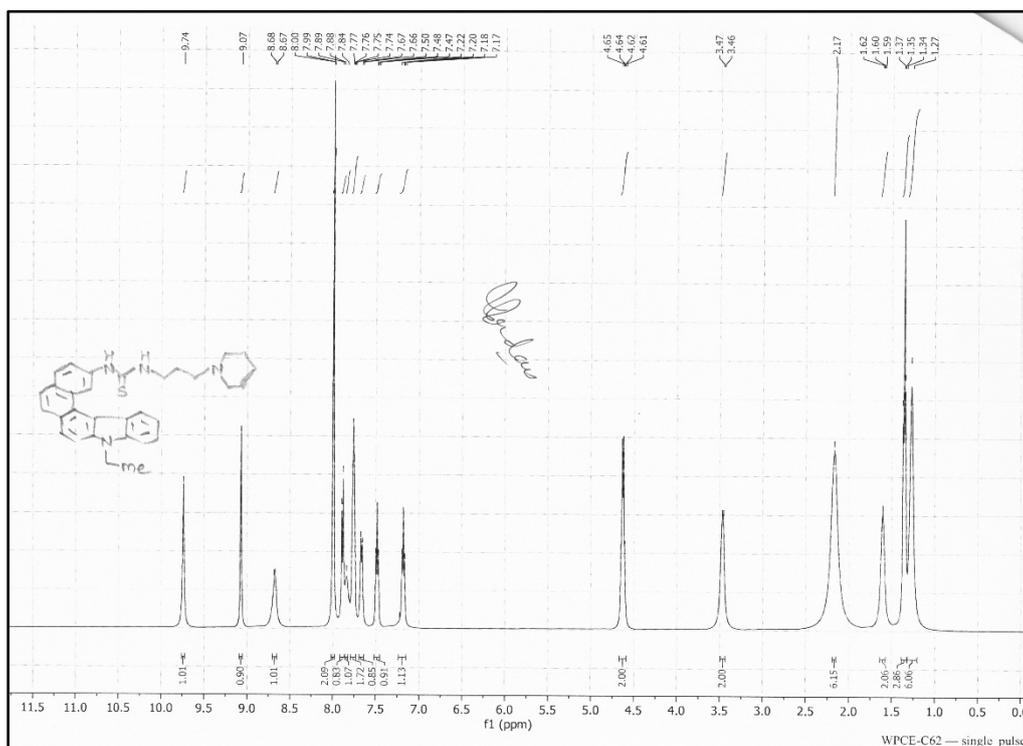


Figure S45: $^1\text{H-NMR}$ Spectrum of **329** ($\text{DMSO-}d_6$, 400 MHz)

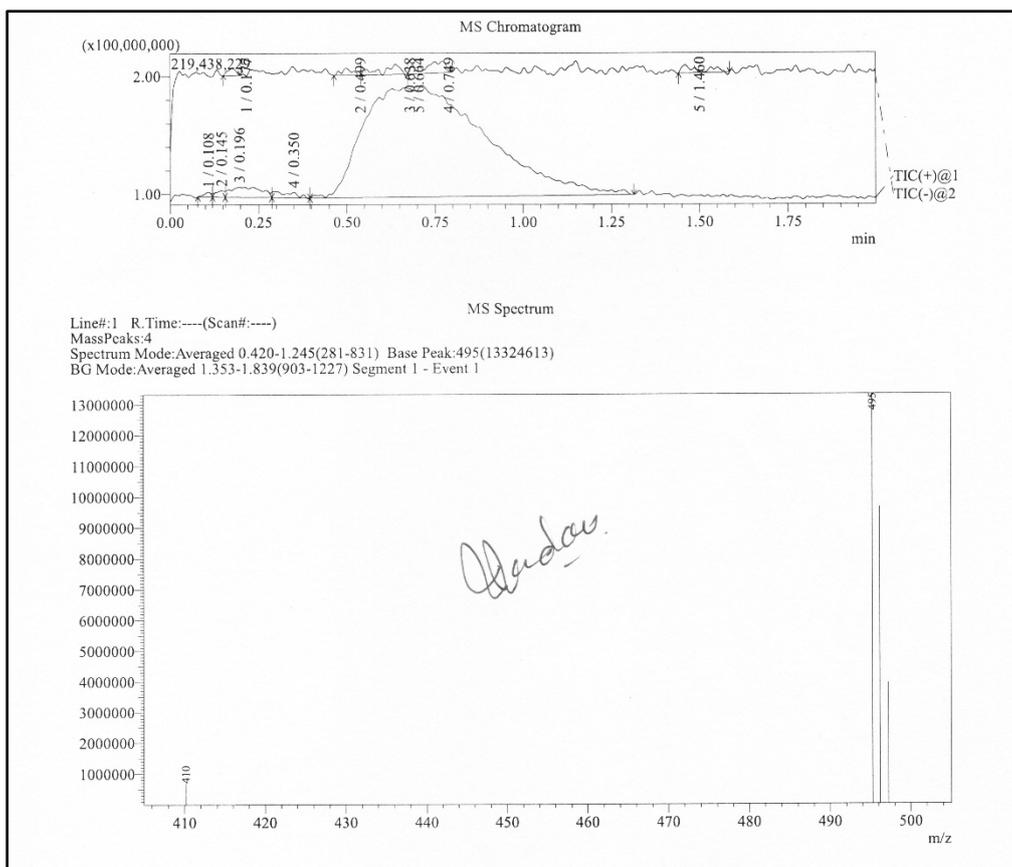


Figure S46: Mass Spectrum of 329

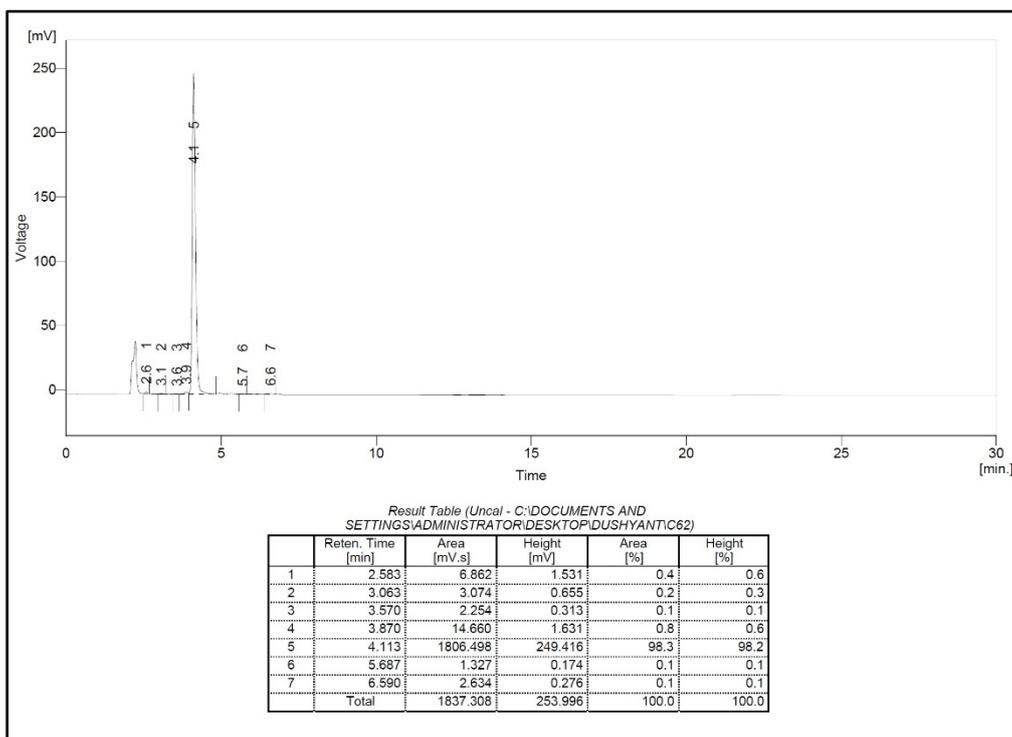


Figure S47: HPLC chromatogram of 329 (Purity: 98.3 %, $t_R = 4.11$ min)