**Synthesis and Characterization of Some Novel Indole-2-One-Coumarin Hybrids**

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**Fig. 1:** IR spectrum of compound **3**



**Fig. 2:** 1H-NMR spectrum of compound **3** in DMSO-d6



**Fig. 3:** D2O spectrum of compound **3** in DMSO-d6



**Fig. 4:** DEPT 135spectrum of compound **3** in DMSO-d6



**Fig. 5 :** IR spectrum of compound **4a**



**Fig. 6 :** 1H-NMR spectrum of compound **4a** in DMSO-d6



**Fig.7:** D2O spectrum of compound **4a** in DMSO-d6



**Fig. 8:** DEPT 135 spectrum of compound **4a** in DMSO-d6



**Fig.9:** IR spectrum of compound **4b**



**Fig. 10 :** 1H-NMR spectrum of compound **4b** in DMSO-d6



**Fig. 11:** D2O spectrum of compound **4b**in DMSO-d6



**Fig. 12:** IR spectrum of compound **5**



**Fig.13:** 1H-NMR spectrum of compound **5** in CDCl3



**Fig. 14:** D2O spectrum of compound **5** in CDCl3



**Fig. 15 :** DEPT 135 spectrum of compound **5** in CDCl3