

### 6. $^1\text{H}$ and $^{13}\text{C}$ -NMR Spectral Analyses

The  $^1\text{H}$  NMR spectra of 8-HQ and B8-HQ were measured in Tetramethylsilane using the instrument Bruker AV III NMR spectrometer.  $^1\text{H}$  and  $^{13}\text{C}$  spectra of pure 8-HQ and B8-HQ are shown in Figures 5 and 7-9 respectively. The structure of 8-HQ single crystal is

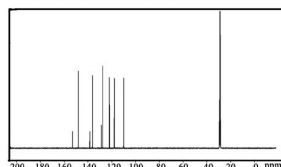


Figure 5.  $^{13}\text{C}$ -NMR spectrum of as grown B8-HQ single crystal.

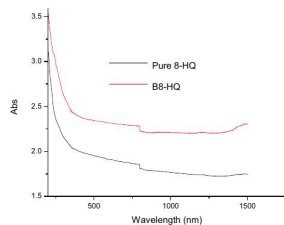


Figure 6. UV-Vis-NIR spectrum of as grown 8-HQ and B8-HQ single crystal.

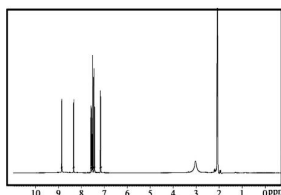


Figure 7.  $^1\text{H}$  NMR spectrum of as grown 8-HQ single crystal.

shown in Figure 10. A slight variation in  $^1\text{H}$ -NMR spectra is observed in the Benzophenone substituted spectra of 8-HQ. The addition of peaks centered around 7.175 and 7.160 ppm may be attributed to the incorporation of Benzophenone in the 8-HQ crystal lattice. Thus it is clear from the spectra that the characteristic functional groups of 8-HQ and B8-HQ are evident. In the  $^{13}\text{C}$ -NMR spectra, the various functional groups in the carbon bonded network of 8-HQ and B8-HQ are shown in Figures 5 and 9 respectively. A slight variation is observed in the B8-HQ spectra. Thus it is ascertained from Figure 5, that the addition of ketone functional group is revealed in the spectrum.

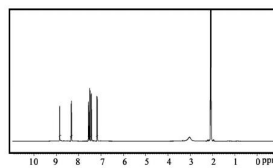


Figure 8.  $^1\text{H}$  NMR spectrum of as grown B8-HQ single crystal.

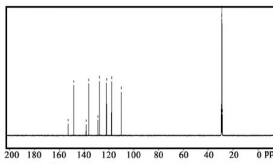


Figure 9.  $^{13}\text{C}$  NMR spectrum of as grown pure 8-HQ single crystal.

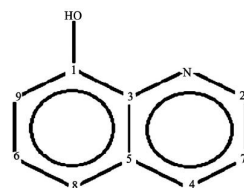


Figure 10. Structure of 8-HQ single crystal.

**DOWNLOAD:** <https://bylity.com/29fela>

**Download**

a9c2e16639

Related links:

[Autocad 2007 Activation Code Serial Keygen Download \[TOP\] Cnet](#)  
[Kateelife Video Bundle](#)  
[Ishq Ka Manjan Full Movie In Hindi Hd 1080p Download Utorrent Free](#)  
[Blood Orange Coastal Grooves \(2011 Download](#)

---

[Historia De Tu Vida Ted Chiang.pdf](#)  
[Agneepath movie download in hindi hd 1080p](#)  
[12 You Brandi Evita Model Silve](#)  
[sportscodegamebreakerkeygenformac](#)  
[Duke Nukem 3d Download Mac Full Version](#)  
[porn men fucking men](#)