Electronic Supplementary Information

Glucose-derived Carbon Dots for Targeted Delivery of Doxorubicin in Cancer Therapy

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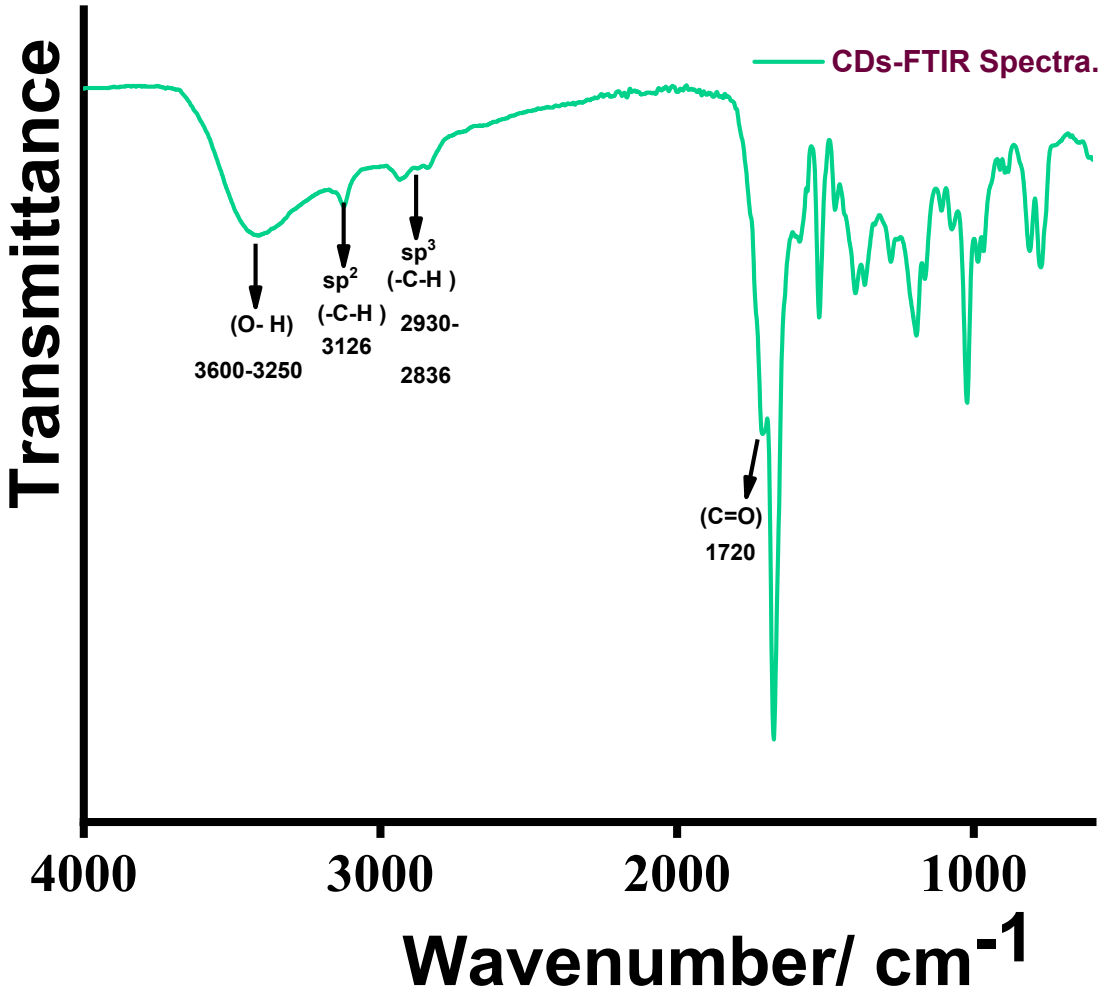


Fig. S1 FTIR Spectra of CDs

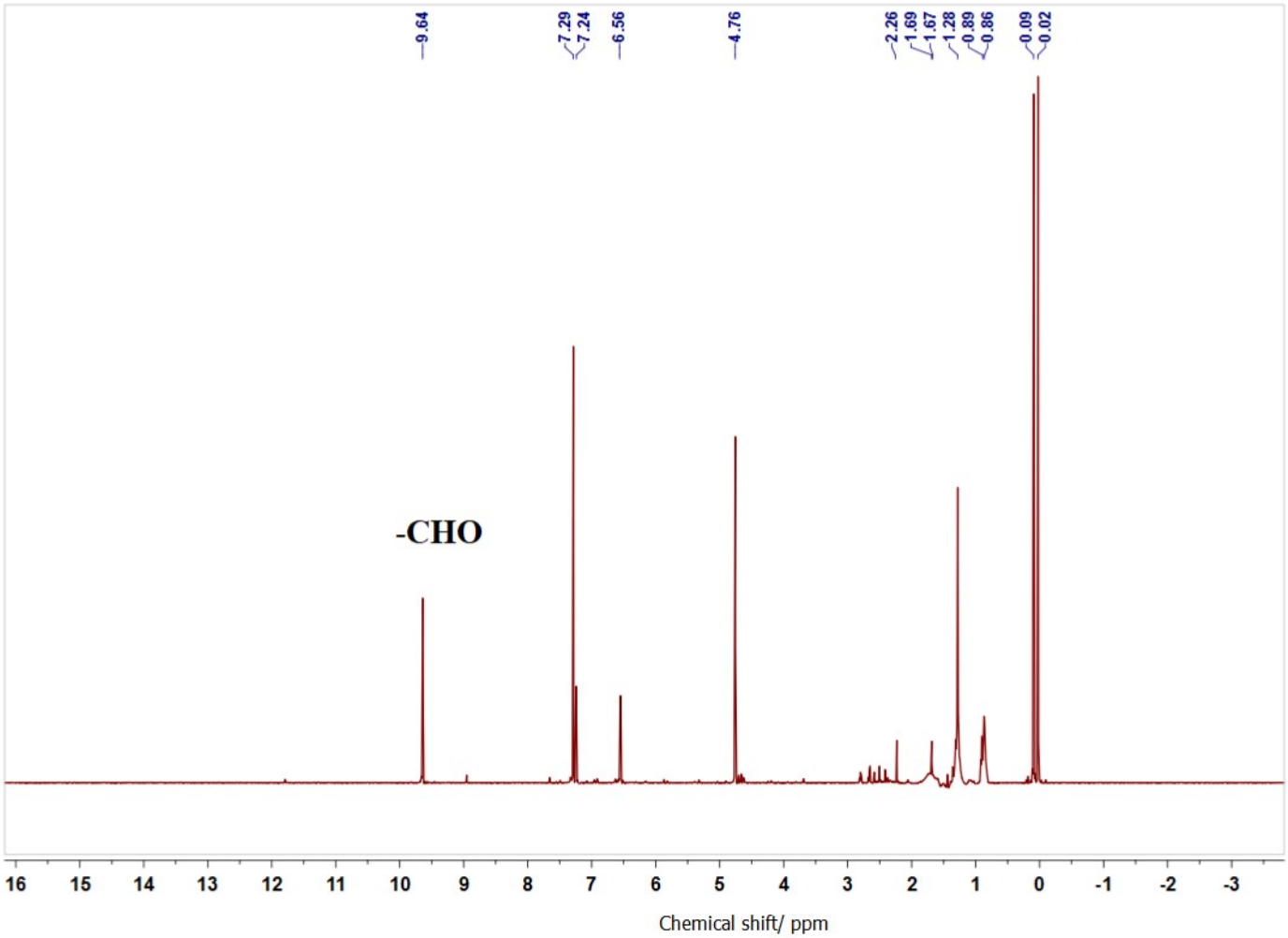
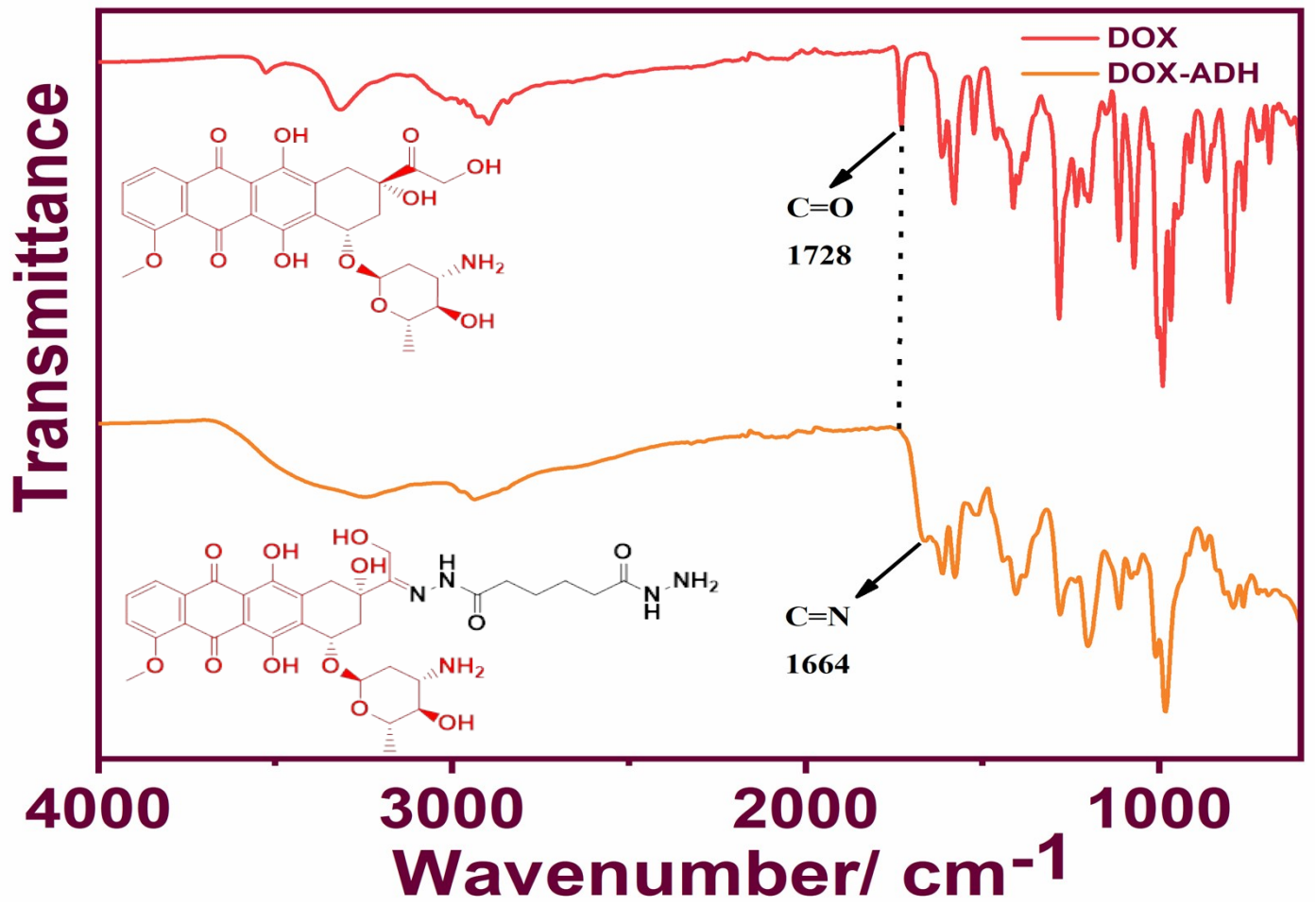


Fig. S2 NMR spectrum of CDs in $CHCl_3$


DOX
DOX-ADH
Transmittance
C=O
1728
C=N
1664
4000
3000
2000
1000
Wavenumber/ cm-1

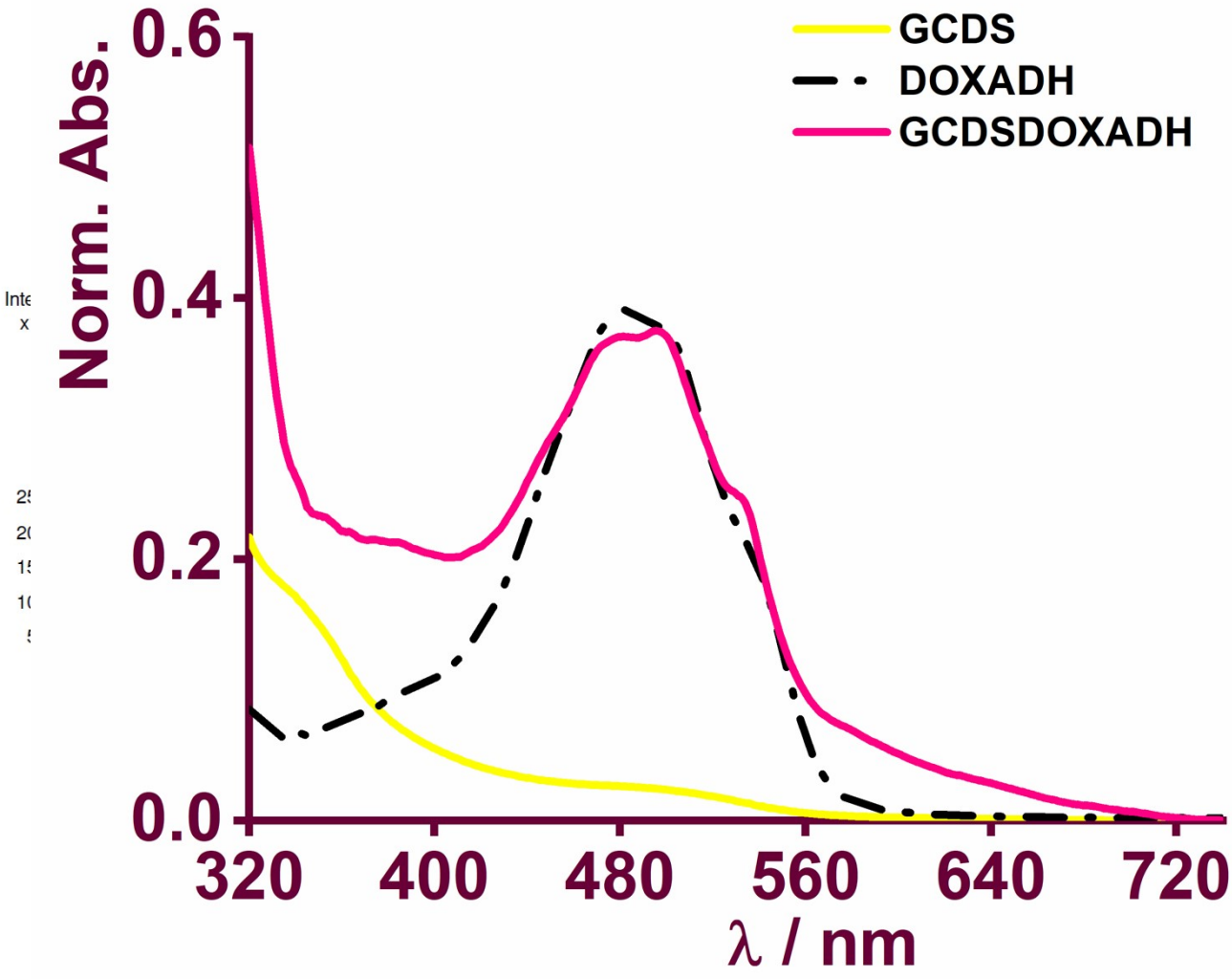


Fig. S3 FTIR Spectra of Dox and Dox-ADH

Fig. S4 Mass spectrum of DOX-ADH, calculated m/z=700.2850 Da, Obtained m/z=700.2824 Da.

Fig. S5 UV-Vis. spectra of CDs, Dox-ADH and CDs-Dox-ADH.

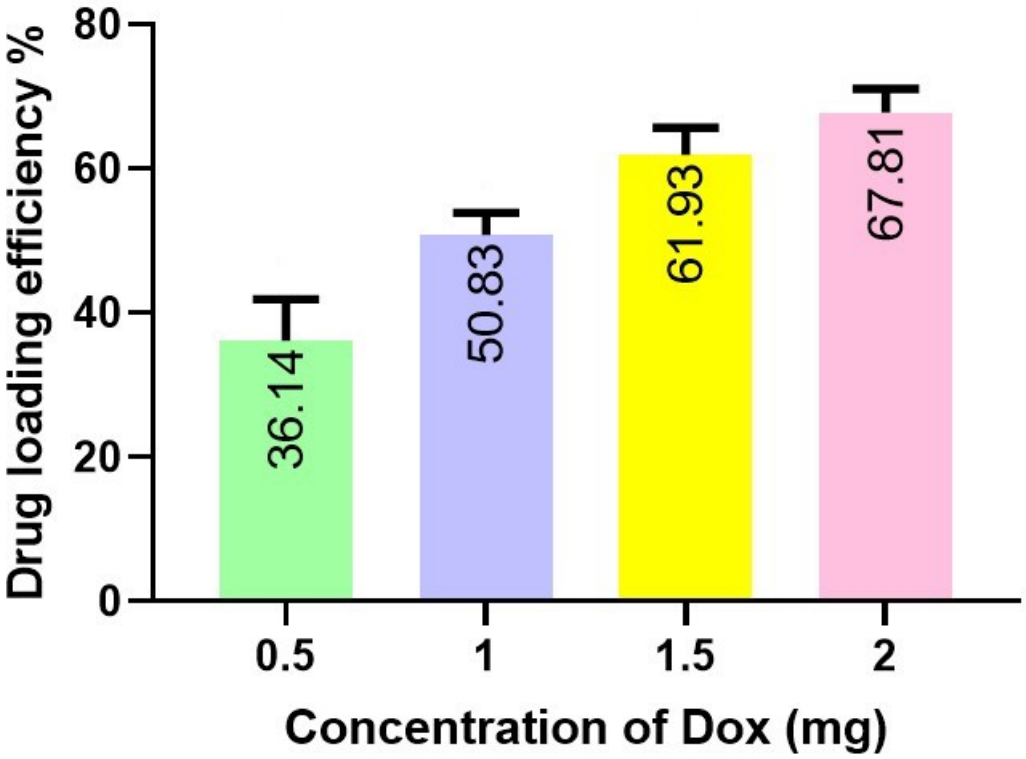


Fig. S6 Drug loading efficiency of CDs