

# Electronic Supplementary Information

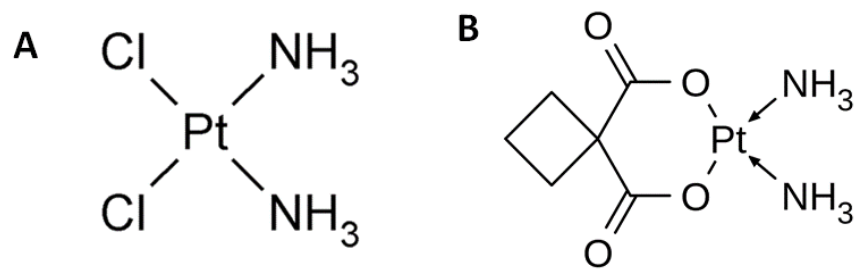
## **Experimental and computational investigations of Carboplatin supramolecular complexes**

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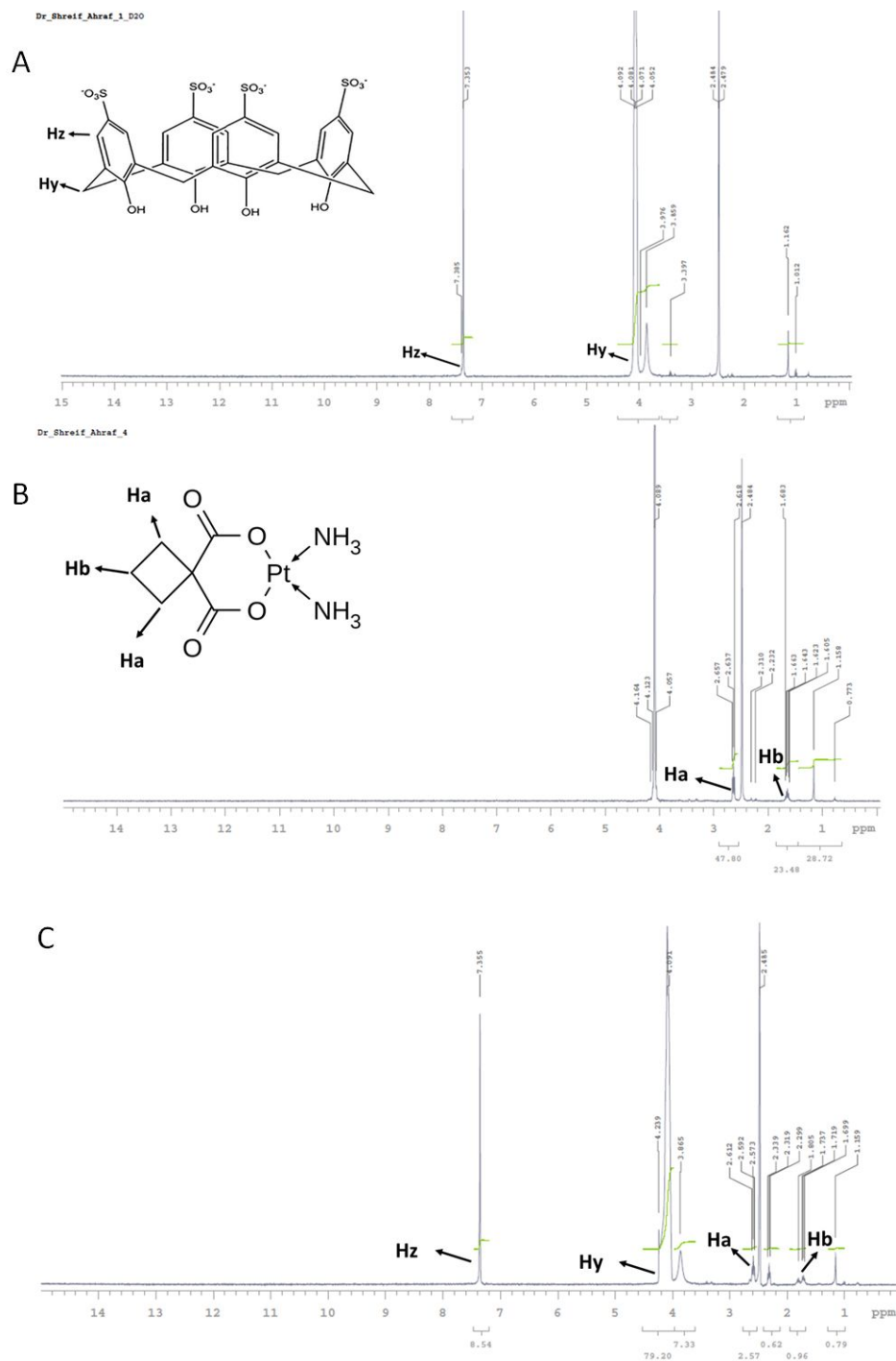
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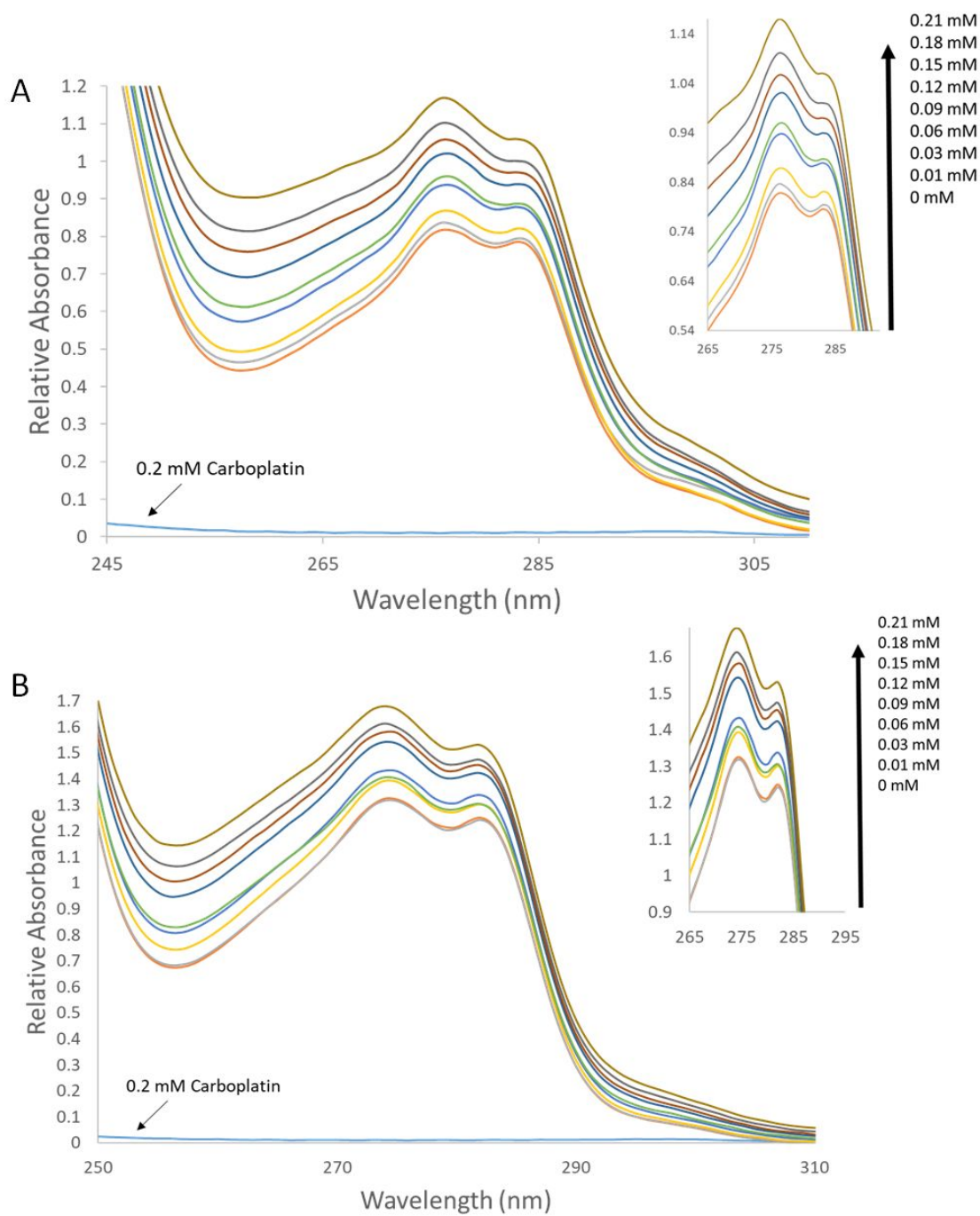
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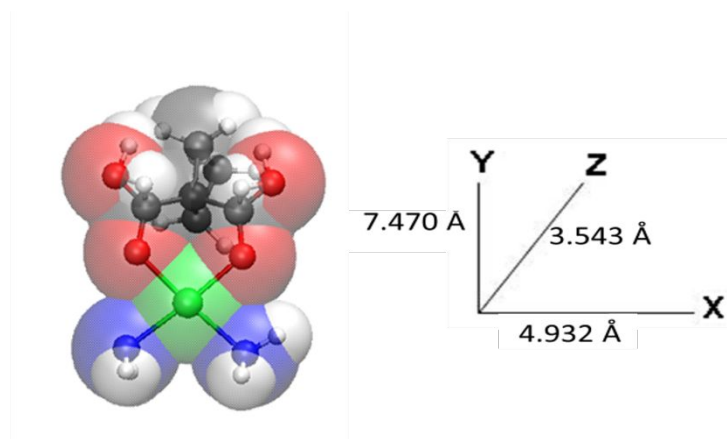
**Figure S1.** Chemical structures of (A) cisplatin and (B) carboplatin.



**Figure S2.**  $^1\text{H}$ NMR spectra of PS4 (A), carboplatin alone (B), and the equimolar ratio of carboplatin and PS4 (C).



**Figure S3.** Zero Order spectra of (A) PS4/Carboplatin complex and (B) PS6/Carboplatin complex at varying concentrations.



**Figure S4.** Calculated van der Waals surface for carboplatin and height, length and width (in Å) defining its size.