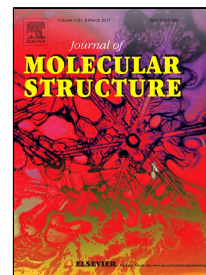


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Interaction of DDP with bovine serum albumin facilitates formation of the protein dimers

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Interaction of bovine serum albumin (BSA) with cis- and trans- isomers of diamminedichloroplatinum(II) (DDP) was studied using electrophoretic analysis and Fourier transformed infrared spectroscopy (FTIR). We have shown that interaction of DDP with bovine serum albumin facilitates formation of the protein dimers. We suggest that these are the reversible protein-protein interactions induced by DDP binding; in BSA-DDP complexes direct crosslinking is not responsible for the increasing number of protein dimers.

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