

## **A platinum complex that inhibits the collagen fibril-formation**

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Excessive deposition of collagen fibers in tissues causes various fibrotic diseases. Inhibition of the collagen fibril-formation is thus regarded as a promising mechanism for the development of antifibrotic drugs. A cisplatin-DMSO complex, which was obtained as a potential inhibitor of the *in vitro* collagen fibril-formation, was revealed to interact with specific sites on the collagen triple helix. Collagen fibril-deposition in a cell culture system was inhibited by the treatment with the cisplatin-DMSO complex. The cisplatin-DMSO complex was revealed to be less toxic to cultured cells than cisplatin.