

## SUPPLEMENTARY MATERIAL

### Synthesis of New Pt(II) Complex Bearing Organoselenium Ligands and Evaluation of Cytotoxic Activity of Some Structurally Related Pd(II) Complexes

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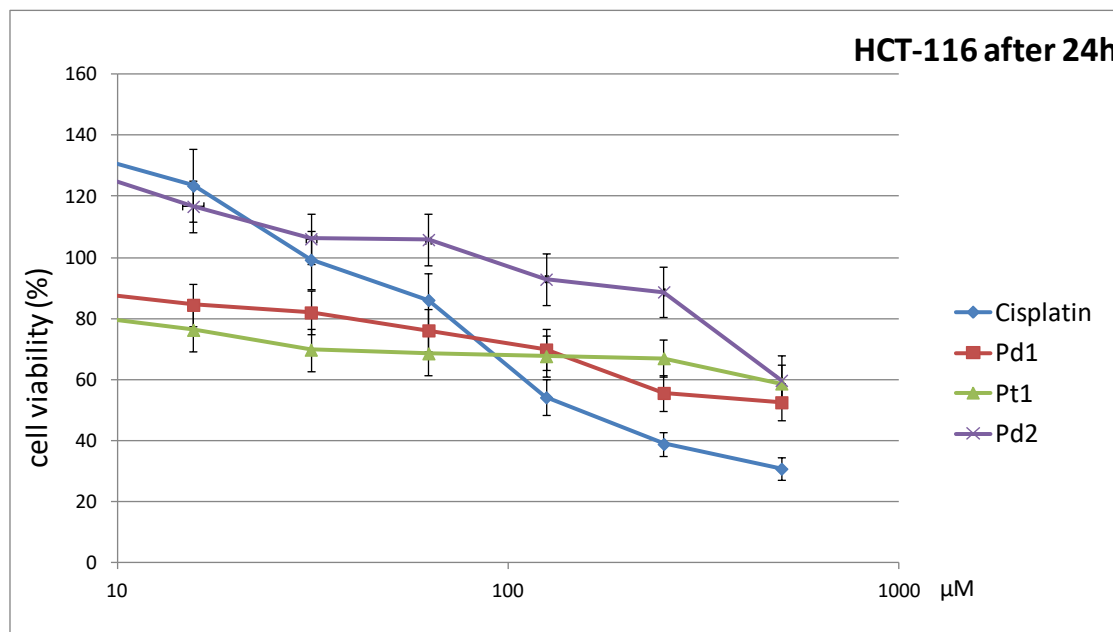
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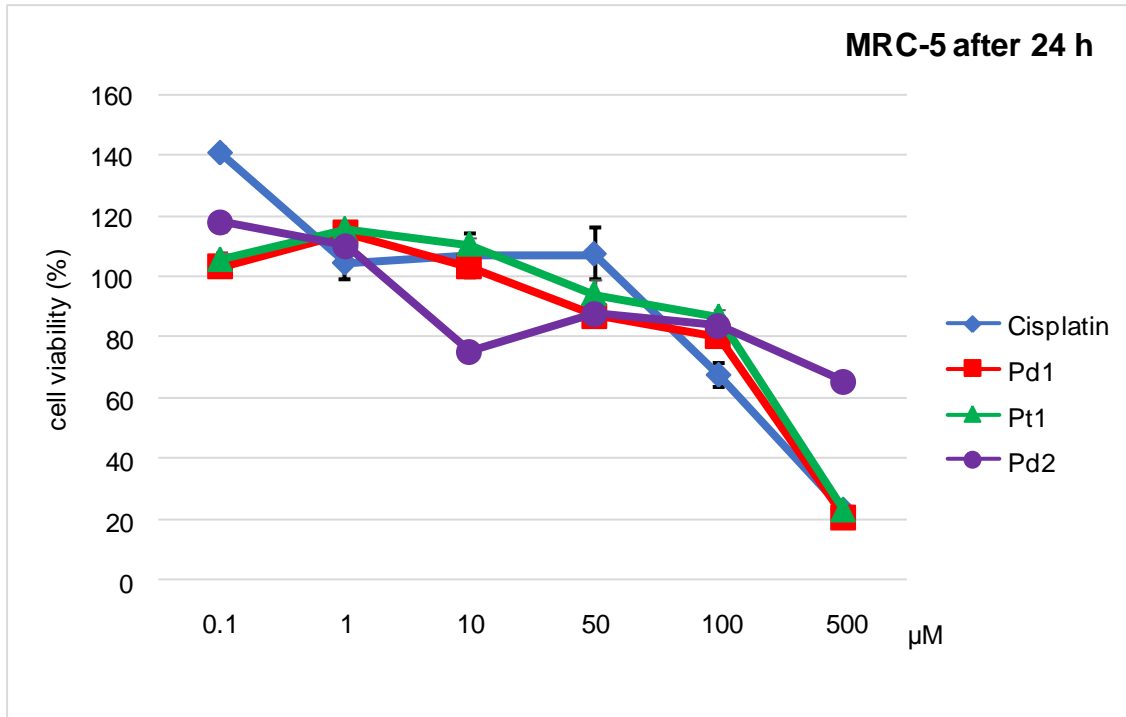
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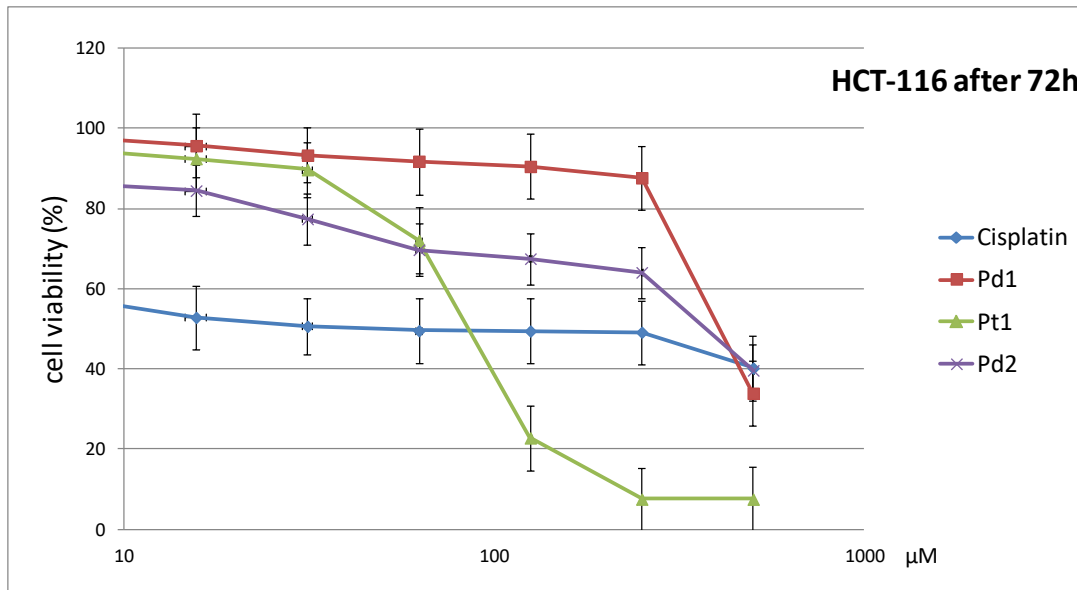
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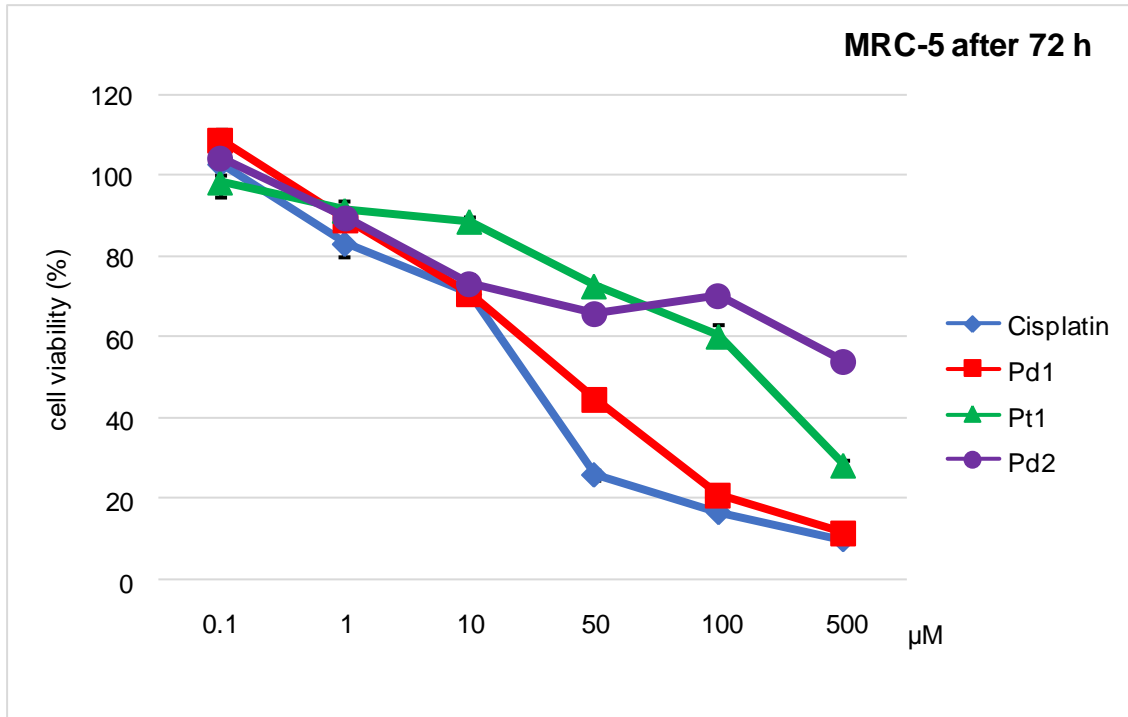
**Fig. 1.** Anticancer activity of cisplatin, Pd1, Pt1 and Pd2 on HCT-116 colorectal cancer cell line after 24 h of treatment. Results were expressed as the means  $\pm$  S.E. from three independent experiments.



**Fig. 2.** Cytotoxic activity of cisplatin, **Pd1**, **Pt1** and **Pd2** on MRC-5 healthy lung pleura cell line after 24 h of treatment. Results were expressed as the means  $\pm$  S.E. from three independent experiments.



**Fig. 3.** Anticancer activity of cisplatin, **Pd1**, **Pt1** and **Pd2** on HCT-116 colorectal cancer cell line after 72 h of treatment. Results were expressed as the means  $\pm$  S.E. from three independent experiments.



**Fig. 4.** Cytotoxic activity of cisplatin, **Pd1**, **Pt1** and **Pd2** on MRC-5 healthy lung pleura cell line after 72 h of treatment. Results were expressed as the means  $\pm$  S.E. from three independent experiments.