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Novel phenylenediamine bridged mixed ligands dimetallic square planner Pt(II) complex inhibits MMPs expression via p53 and caspase-dependent signaling and suppress cancer metastasis and invasion

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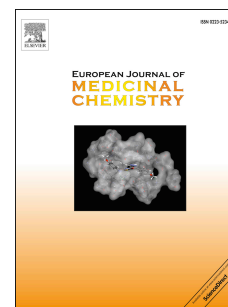
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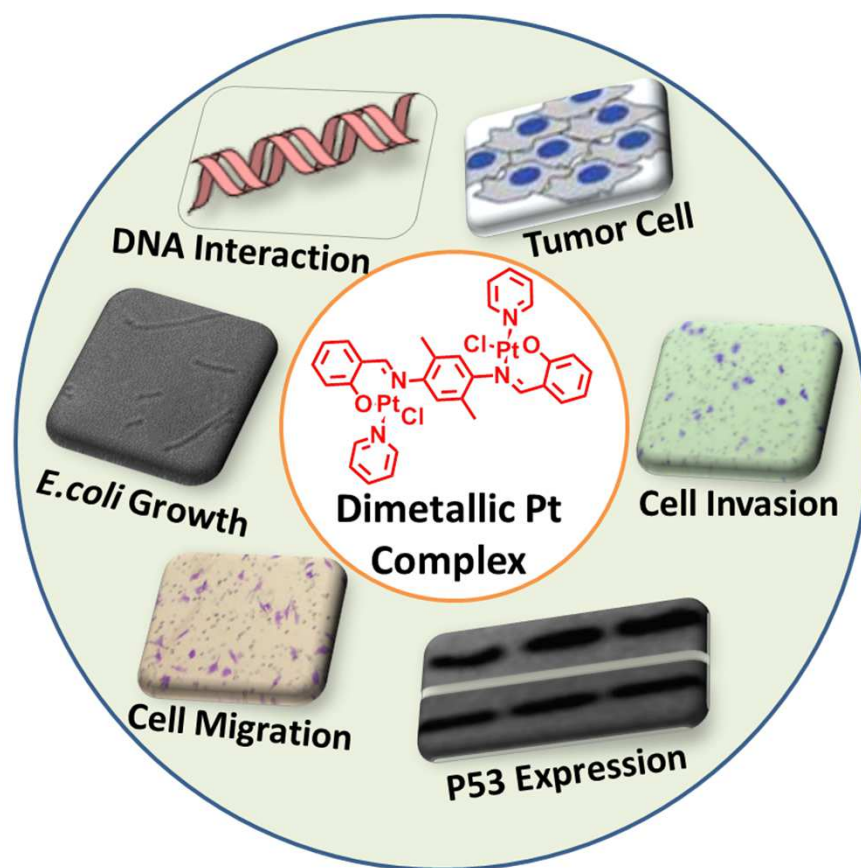
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Graphical Abstract



Novel phenylenediamine bridged mixed ligands dimetallic square planar Pt(II) complex (**L-Pt-Py**) was synthesized, characterized and studied in detail for its *in vitro* anticancer and *in vivo* *E.coli* growth retardation effects.

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