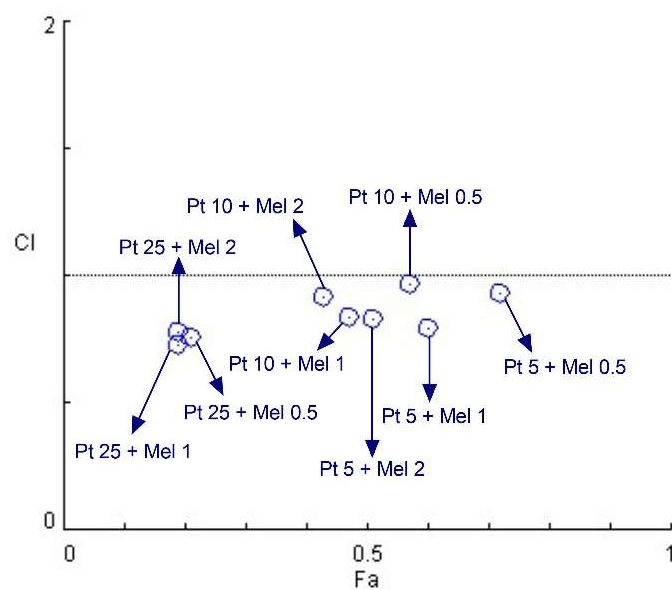


## Supplementary Material



**Figure S1.** Synergistic effect of the combination of PtDPhPzTn and melatonin in MDA-MB-231 cells. It is shown an estimation plot of the combination treatment by Compusyn software with combination index (CI) values (y-axis) and fraction affected (Fa, x-axis). For the calculation, PtDPhPzTn (Pt; 5, 10 and 25  $\mu$ M) and melatonin (Mel; 0.5, 1 and 2 mM) were used to induced cell death at the concentrations indicated for 24 h.

**Table S1.** Calculation of the combination index (CI) data for non-constant combination of PtDPhPzTn and melatonin in cell death induction.

<b>PtDPhPzTn (<math>\mu</math>M)</b>	<b>Melatonin (mM)</b>	<b>Effect (Fa)</b>	<b>CI</b>
5	0.5	0.72	0.93
10	0.5	0.57	0.96
25	0.5	0.21	0.75
5	1	0.60	0.79
10	1	0.47	0.83
25	1	0.19	0.72
5	2	0.51	0.83
10	2	0.45	0.91
25	2	0.19	0.77