Supporting Information

Impact of stepwise NH_2-methylation of Triapine on the physico-chemical properties, anticancer activity and resistance circumvention

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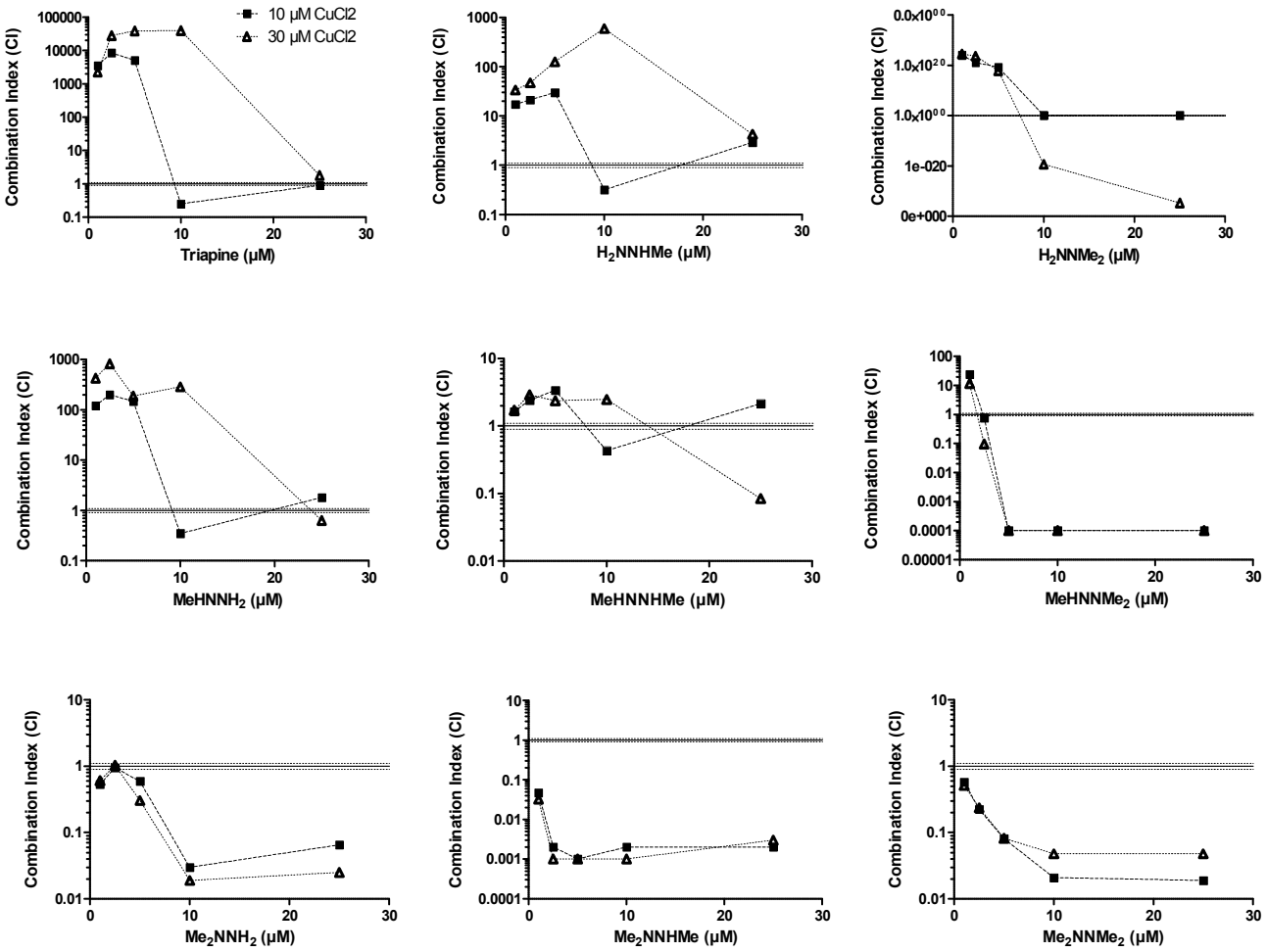

Figure S1. Impact of structural modifications of Triapine on the cytotoxicity in the presence of Cu(II) ions. Briefly, after 60 min pre-incubation with $CuCl_2$ (10 and 30 µM), SW480 cells were treated for 72 h with the indicated concentrations of Triapine and its derivatives. Viability was determined using MTT assay. The values given are combination indices (CI values) calculated by CalcuSyn software. CI < 0.9, CI = 0.9–1.2 or CI >1.2 represent synergism, additive effects and antagonism, respectively.

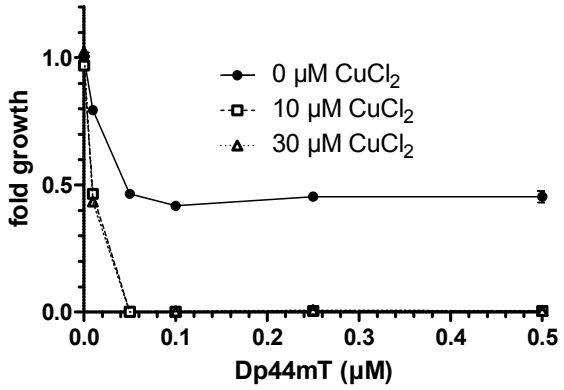

Figure S2. Impact of Cu(II) ions on the activity of Dp44mT. Briefly, after 60 min pre-incubation with $CuCl_2$ (10 and 30 µM), SW480 cells were treated for 72 h with the indicated concentrations of the drug. Viability was determined using MTT assay. The values given are the mean ± the standard deviation of triplicates from one representative experiment out of three.