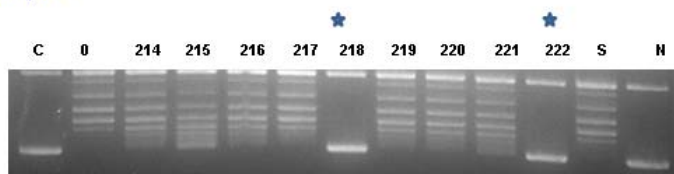


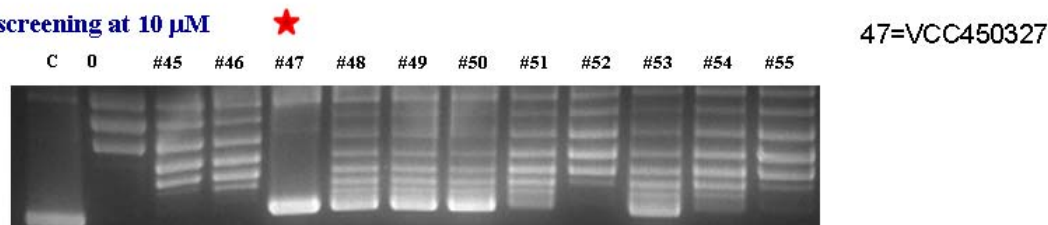
S3 Fig. Representative pictures for DNA relaxation assay results presented in Table 2.

Inhibition of MtTopo-I by the investigated compounds was measured by DNA relaxation assays by gradually refining the concentrations required for complete inhibition of purified MtTopo-I. Bands of relaxed and supercoiled DNA were visualized on agarose gels as described in the Methods section. Norclomipramine (N; 0.1 μ M) was used as a positive control for inhibition. DMSO (2.5%) was used in all the reactions as solvent control (S). C; supercoiled pUC18 control, (0) non-inhibited MtTopo-I control. In the representative pictures compounds examined in this study are indicated by code numbers. Asterisks label positive hits in the screen sets.

Initial screening at 100 μ M



Second screening at 10 μ M



Third screening at 0.1, 1, 2.5, 5, and 10 μ M

