

SUPPLEMENTARY MATERIAL TO  
***In vitro* anticancer studies of a small library of cyclic lipopeptides against the human cervix adenocarcinoma HeLa cells**

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*J. Serb. Chem. Soc.* 89 (4) (2024) 471–484

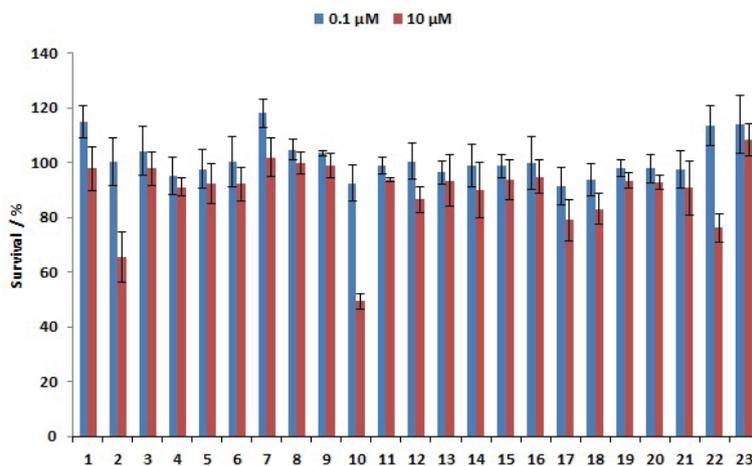


Fig. S-1. Cytotoxicity effects of CLPs against HeLa cell line (MTT assay). Cells were treated with 2 concentrations (0.1 and 10 μM) of CLPs for 72 h. Data represent absorbance measurements normalized to control-untreated cells. Values are expressed as means and standard deviations obtained from independent experiments.

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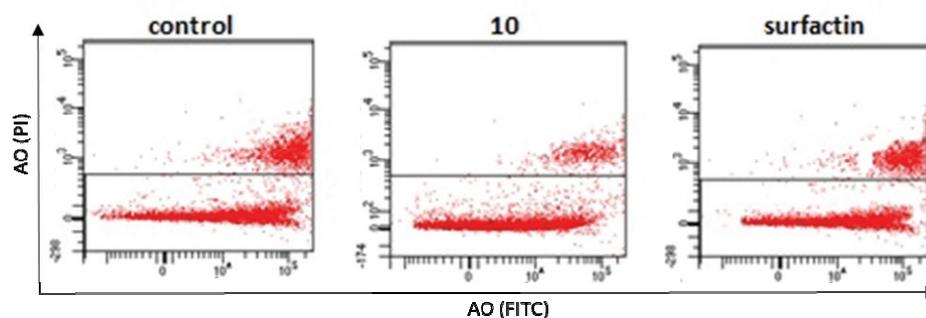


Fig. S-2. Detection of autophagy induction in AO-stained cells using FACS analysis. HeLa cells were treated with DMSO as vehicle control,  $2\times IC_{50}$  concentrations of **10** or surfactin for 48 h, stained with AO and then analyzed by flow cytometry. FITC (x-axis) indicates green color intensity, while PI (y-axis) shows red color intensity. Representative images from three independent experiments are shown.

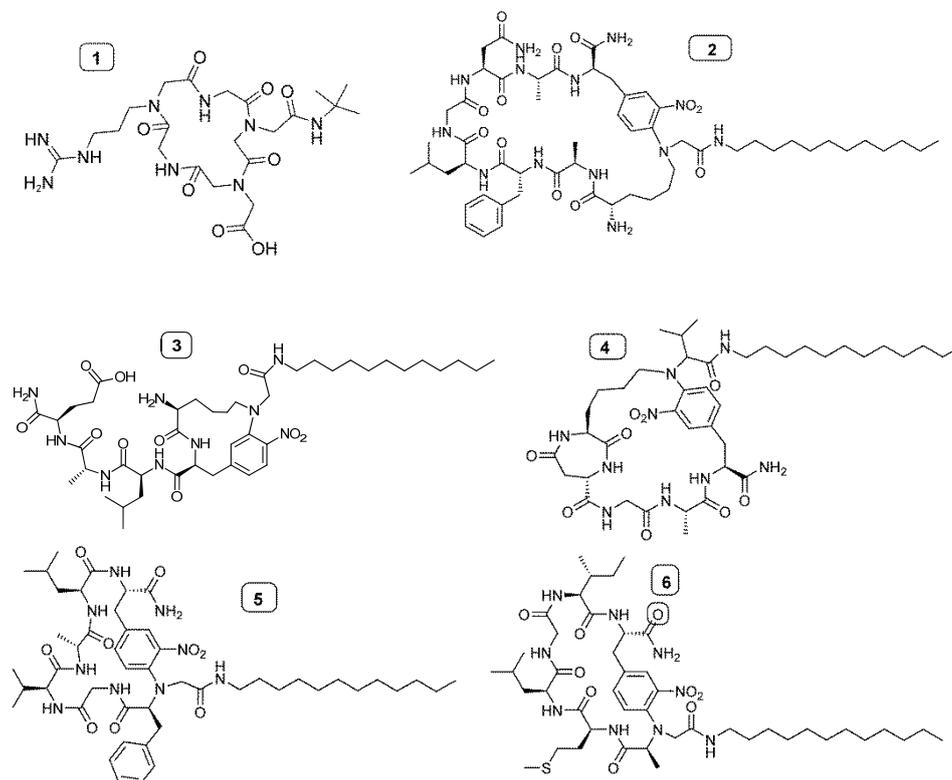


Fig. S-3. Chemical structures of investigated cyclic lipopeptides.

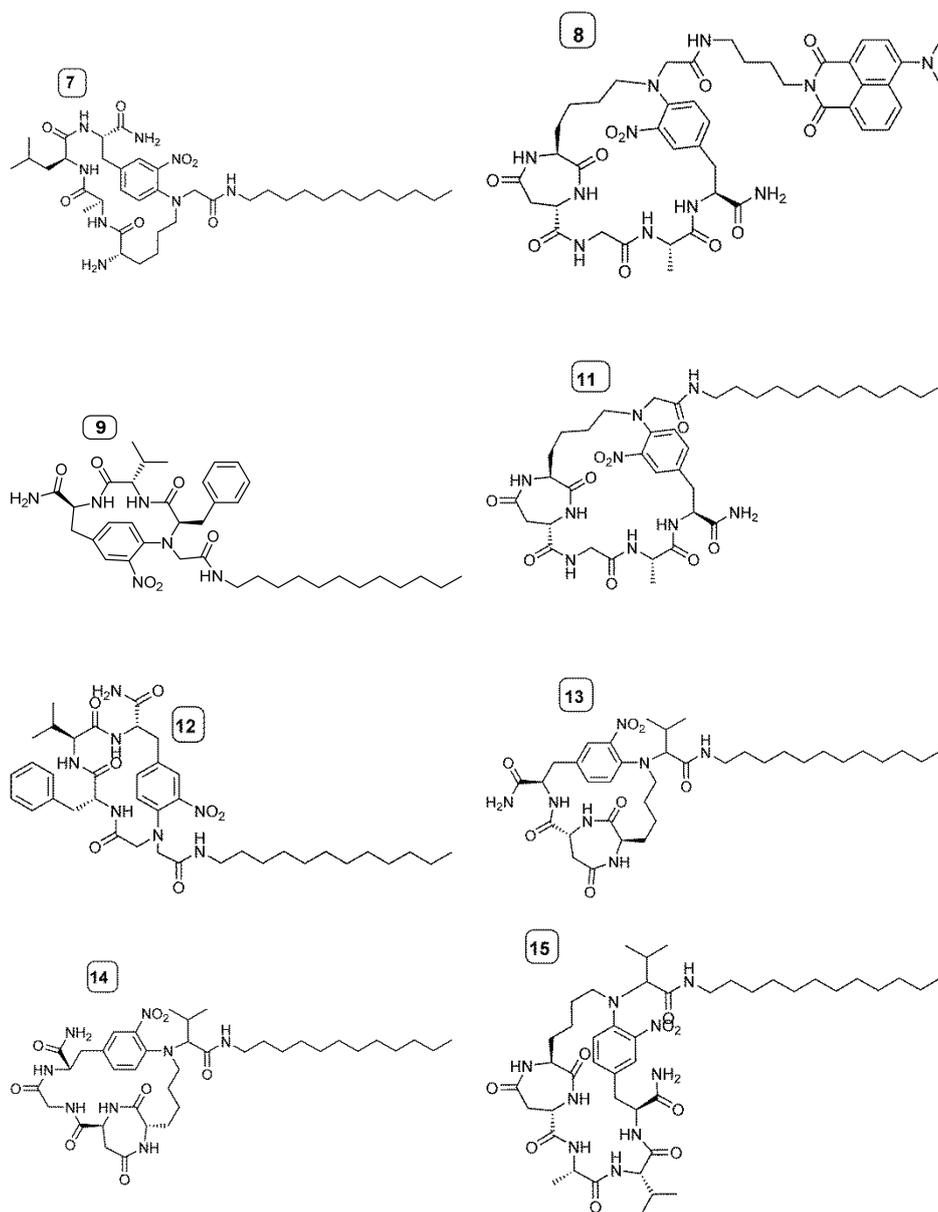


Fig. S-3. Continued.

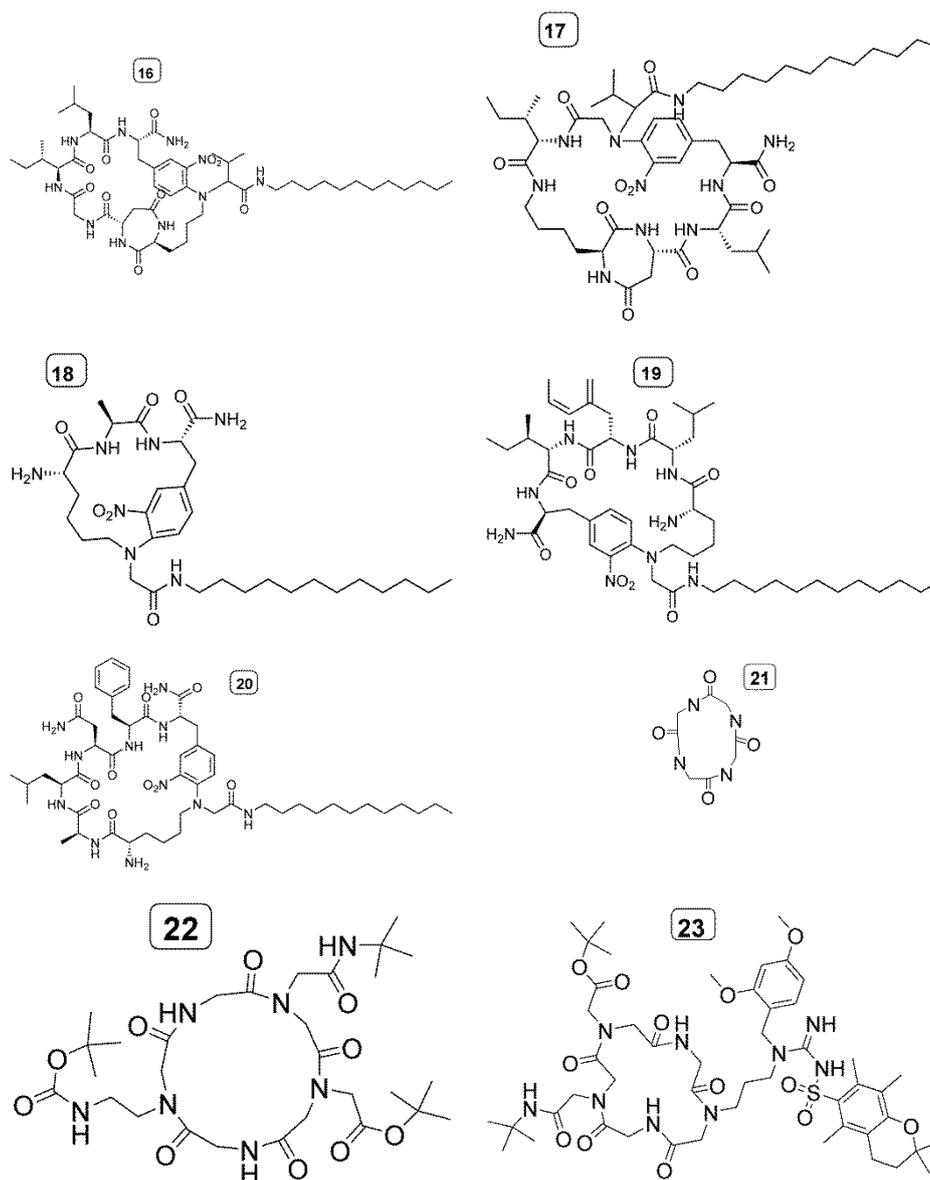


Fig. S-3. Continued.