

Supplementary material

Highly Stable Liposomes Based on Tetraether Lipids as a Promising and Versatile Drug Delivery System

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Materials and methods

Limulus ameocyte lysate test

Control Standard Endotoxin (CSE, *Escherichia coli* O113:H10, 0.5 µg/vial) (Associates of Cape Cod Europe GmbH, Mörfelden-Walldorf, Germany) and limulus ameocyte lysate (LAL, sensitivity: 0.125 EU/mL) (Associates of Cape Cod Europe GmbH, Mörfelden-Walldorf, Germany) were prepared according to the manufacturer's instructions. 100 µL 10:0 TEL:Ph liposomes, pyrogen-free water as negative control, and CSE as positive control were transferred to depyrogenated reaction tubes. 100 µL LAL solution were added to each reaction tube and carefully mixed. These samples were incubated for 60 min at 37 °C. Then the tubes were carefully taken out with a test tube forceps and rotated 180°. The results were recorded by a camera.

Results and discussion

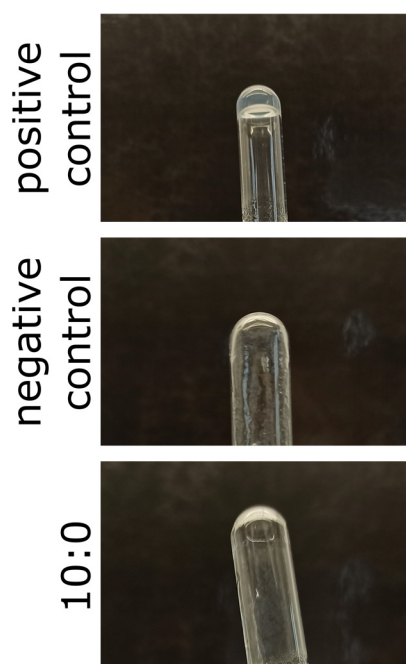


Figure S1. Limulus ameocyte lysate test of Control Standard Endotoxin as positive control, pyrogen-free water as negative control, and 10:0 TEL:Phospholipon 100H liposomes.