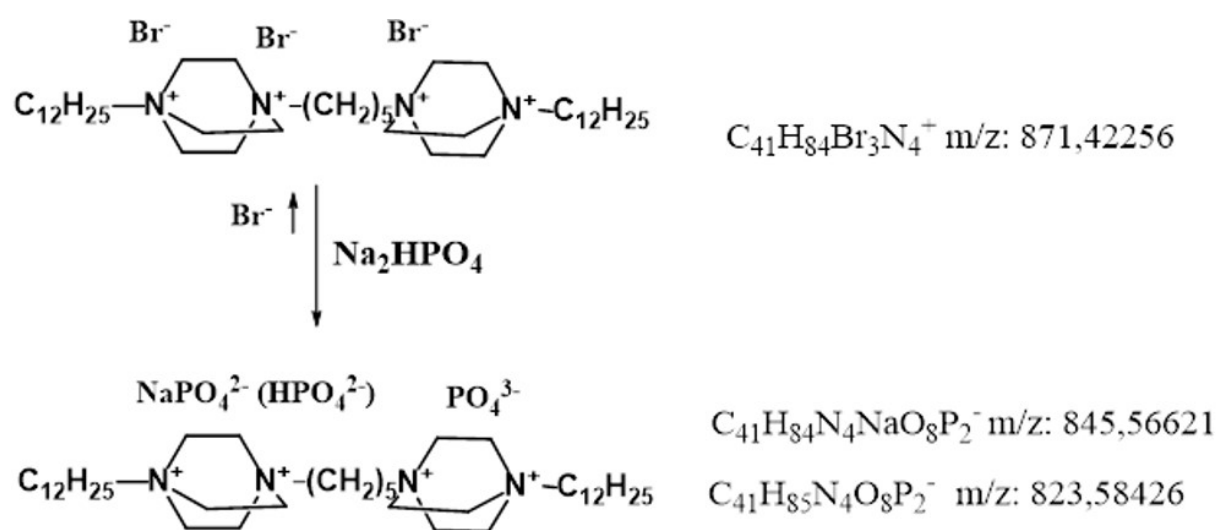
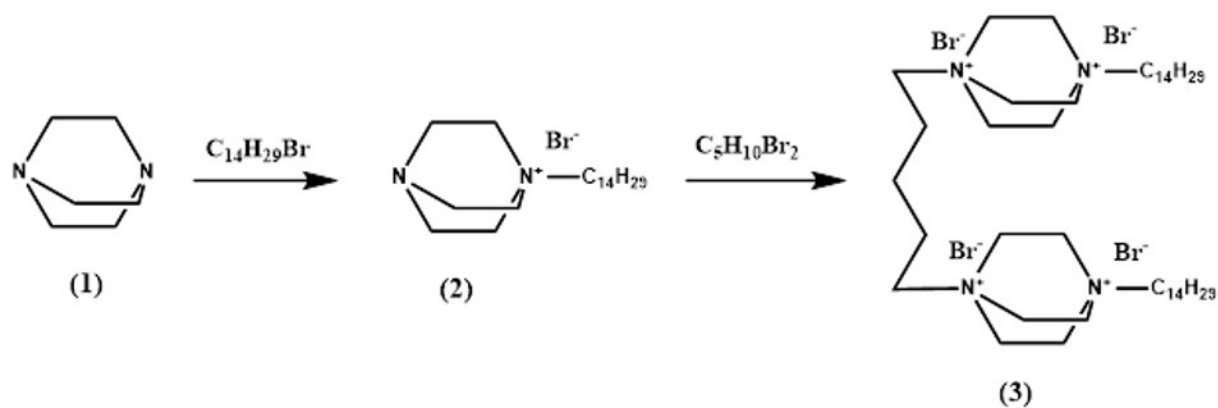


Supplementary Figure S1



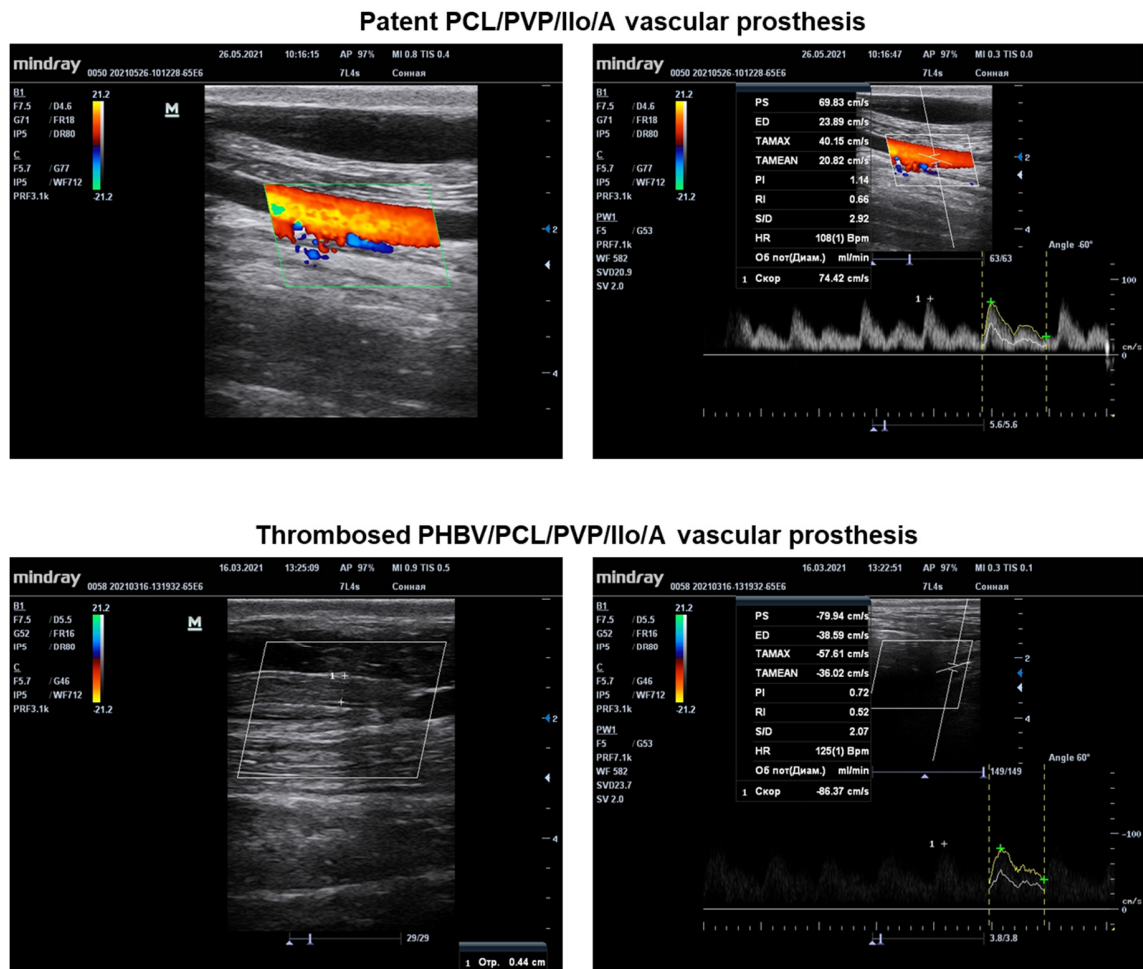
Supplementary Figure S1. Chemical structure of cationic amphiphile 1,5-bis-(4-tetradecyl-1,4-diazoniabicyclo[2.2.2]octan-1-yl)pentane tetrabromide after incubation in phosphate-buffered saline.

Supplementary Figure S2



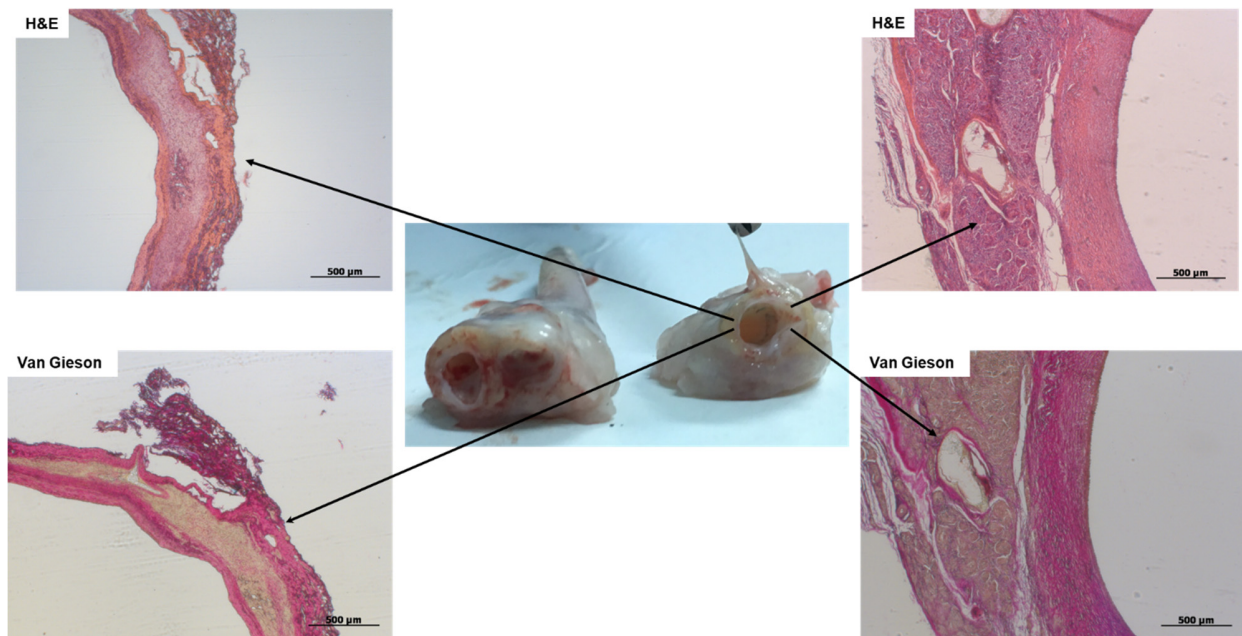
Supplementary Figure S2. Scheme of the synthesis of 1,5-bis-(4-tetradecyl-1,4-diazoniabicyclo[2.2.2]octan-1-yl)pentane tetrabromide.

Supplementary Figure S3



Supplementary Figure S3. Representative ultrasound Doppler images of patent PCL/PVP/Ilo/A and thrombosed PHBV/PCL/PVP/Ilo/A vascular prostheses into the ovine carotid artery 1 day after surgery.

Supplementary Figure S4



Supplementary Figure S4. Morphological observation of the PCL/PVP/Ilo/A prostheses after 6-month implantation in the ovine carotid artery: histological examination of different cross-section areas using hematoxylin and eosin (H&E) and Van Gieson staining, with a scale bar of 500 μm .