

MRI Monitoring of Cerebral Blood Flow after the Delivery of Nanocombretastatin across the Blood Brain -Tumor Barrier

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Supplementary materials:

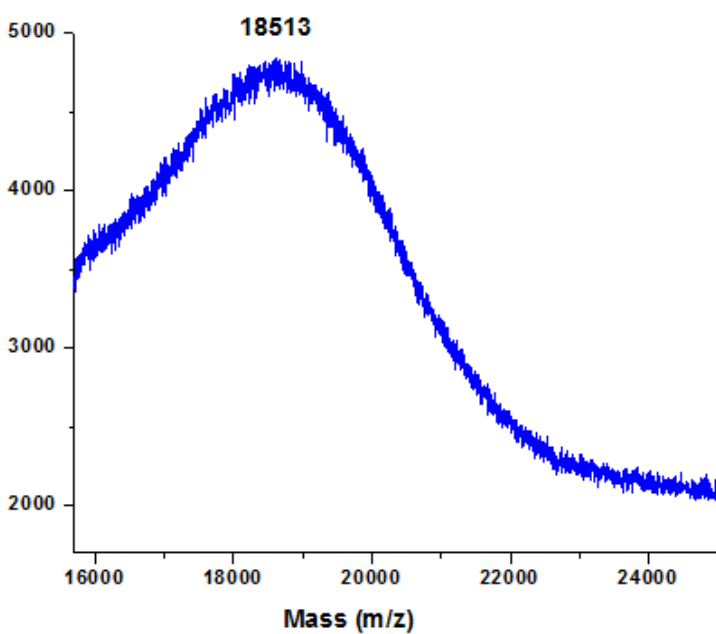


Figure S1: MALDI-TOF spectrum for molecular weight determination of G3-(CA)₂₆. The average number of CA4 conjugated with G3-succinamic acid dendrimer was estimated to be 26 per dendrimer.

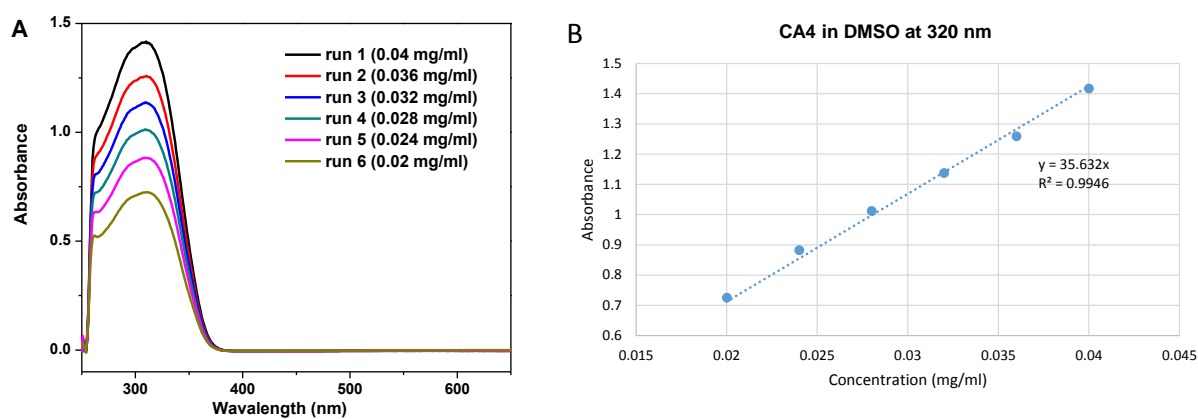


Figure S2: Absorption spectra of G3-CA4 in water (A), standard curve for CA4 in DMSO (B).

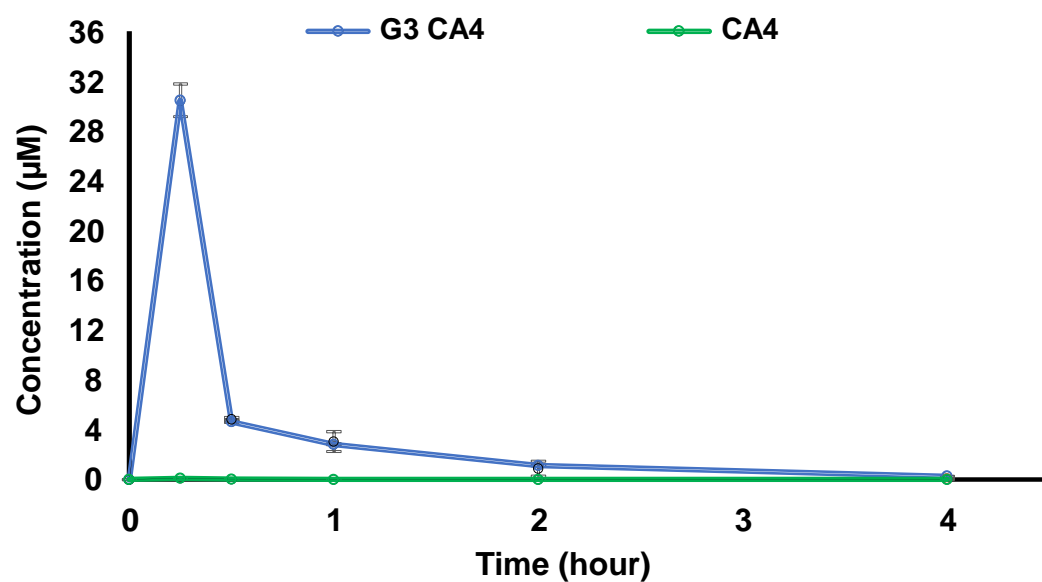


Figure S3: Bioavailability of G3-CA4 in rat. G3-CA4 (100 mg/kg) was administered to rat by intravenously. The rats were anesthetized at 0, 0.25, 0.5, 1, 2, 3 and 4 hours later, blood was collected by femoral catheterization, with the serum separated by centrifugation at 14000 rpm for 2 min. HPLC analysis of serum are depicted in the figure.