

Table 1
Key physicochemical parameters of peptide amphiphiles.

Peptides	Net positive charge	Molecular Weight	Retention time ^a (min)	CAC ^b (mg/mL)
Ac-A ₉ K-NH ₂	+1	827	10.6	2×10^{-2}
Ac-A ₁₂ K-NH ₂	+1	1040	13	5×10^{-3}
Ac-A ₉ K ₂ -NH ₂	+2	955	10	0.13

^a HPLC conditions: eluent A, 0.1% trifluoroacetic acid in water, 0–2 min, 95% (A%), 2–40 min, 95–40% (A%); eluent B, 0.1% acetonitrile in water; UV, 214 nm; flow rate, 1.0 mL/min; column, RP-18, 4.6 mm × 150 mm. The measurements were performed on a Waters 2695 Alliance.

^b The CACs were determined by using the electric conductivity and/or fluorescence methods.