

## Supplementary Information

# T Cell-Association of Carboxy-Terminal Dendrimers with Different Bound Numbers of Phenylalanine and Their Application to Drug Delivery

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Table S1. Reaction ratios to synthesize various PAMAM-Phe-CHex dendrimers

Dendrimer <sup>1</sup>	Phe	
	in Feed	Bound
PAMAM-CHex-Phe64 <sup>2</sup>	142	64
PAMAM-CHex-Phe48	55	48
PAMAM-CHex-Phe37	45	37
PAMAM-CHex-Phe27	37	27

<sup>1</sup> The number of terminal groups of the dendrimer is 64.

<sup>2</sup> Referred to our previous report: Shiba, H. et al. J. Mater. Chem. B. 2022, 10, 2463.

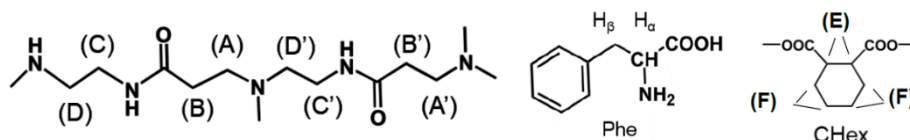


Figure S1 Partial dendrimer structure for assignment for of the following <sup>1</sup>H NMR spectra.

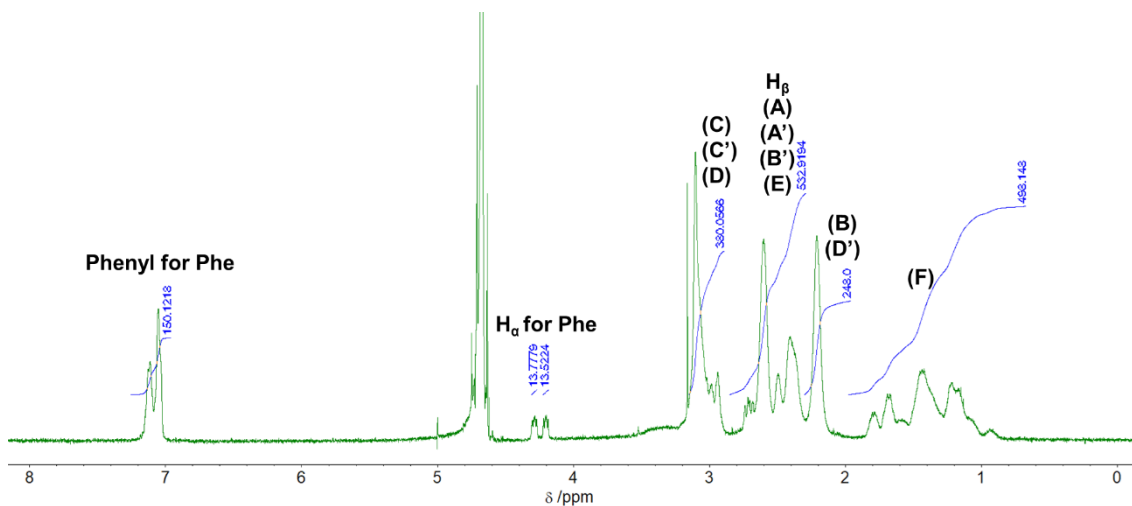


Figure S2.  $^1\text{H}$  NMR spectrum of PAMAM-CHex-Phe27 in  $\text{D}_2\text{O}$  containing NaOD.

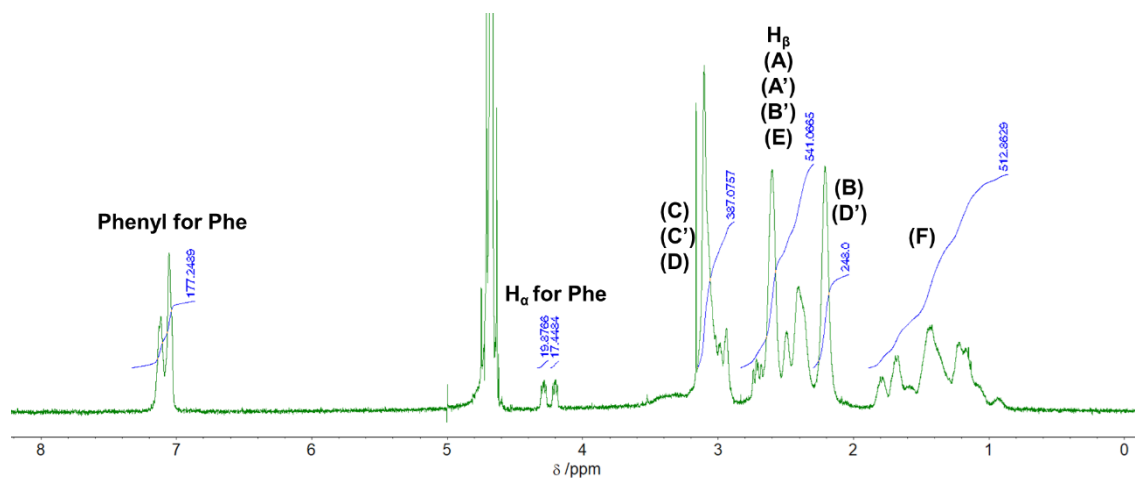


Figure S3.  $^1\text{H}$  NMR spectrum of PAMAM-CHex-Phe37 in  $\text{D}_2\text{O}$  containing NaOD.

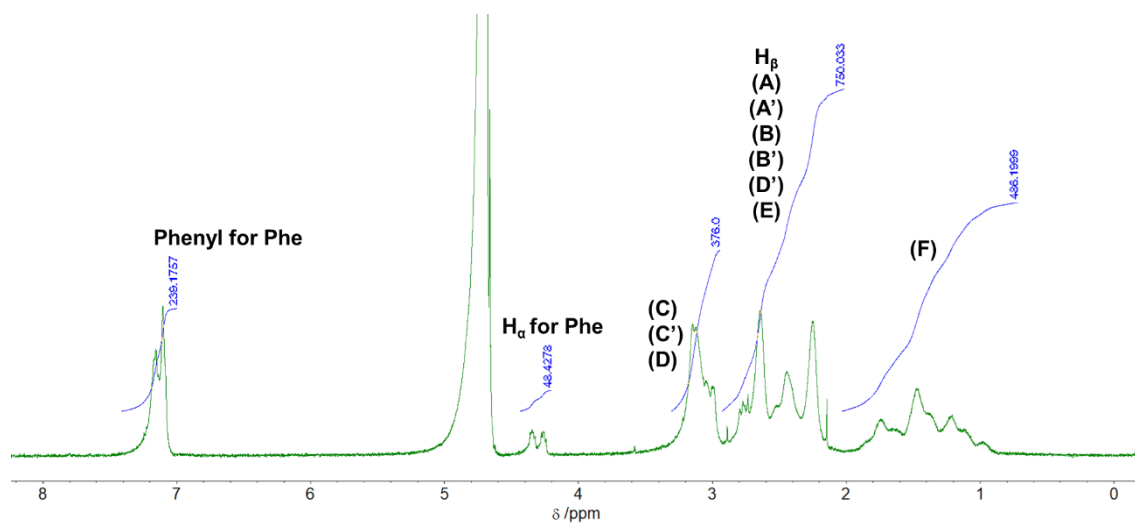


Figure S4.  $^1\text{H}$  NMR spectrum of PAMAM-CHex-Phe48 in  $\text{D}_2\text{O}$  containing NaOD.