

Supporting Information

A series of codendrimers from polyamidoamine (PAMAM) and oligoethylene glycols (OEG) dendrons as drug carriers: The effects of OEG dendron decorated degree

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Table S1 Properties of drug-loaded nanoparticles

Entries	EE ^a (%)	DLC (%)	D _h ^b (nm)
D ₆₄ -MTX ^c	46.6 ± 3.2	18.9 ± 1.0	98.0 ± 7.2
D ₄₈ -MTX	51.1 ± 3.1	20.4 ± 1.0	110.7 ± 0.6
D ₃₂ -MTX	79.6 ± 1.0	28.5 ± 0.4	117.2 ± 4.7
D ₁₆ -MTX	85.4 ± 0.3	29.9 ± 0.1	117.1 ± 1.0
D ₆₄ -HMM ^d	10.8 ± 1.7	5.2 ± 0.5	160.9 ± 20.1
D ₄₈ -HMM	13.0 ± 1.1	5.9 ± 0.5	146.4 ± 32.7
D ₃₂ -HMM	11.6 ± 2.7	5.3 ± 1.1	135.7 ± 17.4
D ₁₆ -HMM	11.3 ± 2.3	5.1 ± 1.0	210.8 ± 6.5
D ₆₄ -RES ^e	40.9 ± 0.6	16.9 ± 0.3	211.0 ± 3.4
D ₄₈ -RES	37.5 ± 3.9	15.8 ± 1.4	512.0 ± 8.2
D ₃₂ -RES	32.8 ± 1.8	14.1 ± 0.7	253.6 ± 16.2
D ₁₆ -RES	36.3 ± 3.0	15.6 ± 1.2	177.2 ± 20.4

^a UV-HPLC detected, n = 3. ^b DLS detected, n = 3. ^c MTX-loaded nanoparticles. ^d HMM-loaded nanoparticles. ^e RES-loaded nanoparticles.

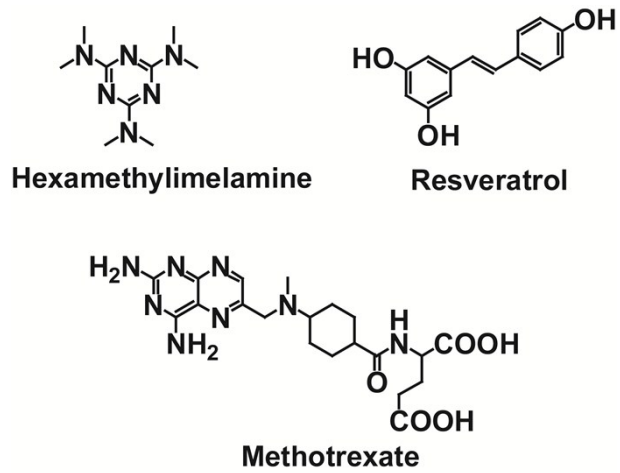


Fig. S1 Structures of hydrophobic drugs.