

Supporting Information

Co-delivery of icaricide II and doxorubicin by self-assembled carrier-free nanofibers for anti-lung cancer therapy

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Table S1 Median-effect parameters (D_m) of combination therapy of ICAII and DOX against A549 cells

Sampe	D_m (μM)		m	Correlation coefficient
	DOX	ICAII		
DOX (μM)	3.98	—	5.23625	0.88523
ICAII (μM)	—	39.62	5.02692	0.8556
15:1	0.47	7.09	1.36593	0.93815
ICAII:DOX 10:1	0.41	4.15	1.07275	0.98491
(m/m) 5:1	0.39	1.97	0.86987	0.9063
2.5:1	0.62	1.57	0.8135	0.91896

Note: The IC_{50} and D_m value of combination of ICAII and DOX group was calculated according to the concentration of DOX.

Table S2 Experimental data of combination therapy of ICAII and DOX against A549 cells

ICAII:DOX (m:m)	DOX (μM)	ICAII (μM)	Inhibition rate (%)	CI
15:1	0.0625	0.9375	10.34	0.060
	0.125	1.875	8.95	0.124
	0.25	3.75	15.99	0.218
	0.5	7.5	71.83	0.262
	1	15	66.17	0.552
10:1	0.0625	0.625	13.21	0.045
	0.125	1.25	18.66	0.084
	0.25	2.5	31.04	0.147
	0.5	5	64.85	0.223
	1	10	70.72	0.424
5:1	0.0625	0.3125	11.89	0.035
	0.125	0.625	23.66	0.059
	0.25	1.25	51.99	0.093
	0.5	2.5	73.96	0.154
	1	5	60.51	0.347
2.5:1	0.125	0.3125	16.46	0.054
	0.25	0.625	27.32	0.095
	0.5	1.25	65.53	0.139
	1	2.5	63.74	0.282
	2	5	63.61	0.565