

Supplementary material of Jiang et al., “Preparation and evaluation of self-assembly Soluplus®-sodium cholate-phospholipid ternary mixed micelles of Docetaxel”, *Drug Development and Industrial Pharmacy*, 2019.

Table S1. Stability of DTX-TMMs at 37°C (mean±SD, n = 3).

Parameters Time(d)	0	3	7	10	15	30
Average size	74.26±1.24	73.28±1.09	73.65±1.87	72.87±1.58	76.54±2.43	72.22±1.35
PDI	0.105±0.022	0.104±0.085	0.123±0.028	0.132±0.050	0.133±0.023	0.108±0.075
Zeta potential	-9.54±0.64	-9.34±0.26	-9.04±0.44	-9.60±0.46	-9.39±0.32	-9.98±0.50
EE%	92.13±1.34	92.45±0.66	90.45±0.45	87.67±0.54	85.44±1.32	76.14±1.34
DL%	1.28±0.06	1.28±0.02	1.26±0.01	1.25±0.01	1.18±0.01	1.04±0.01
Clarity	+++	+++	+++	+++	+++	+++

+++ means the solution is clear and transparent.

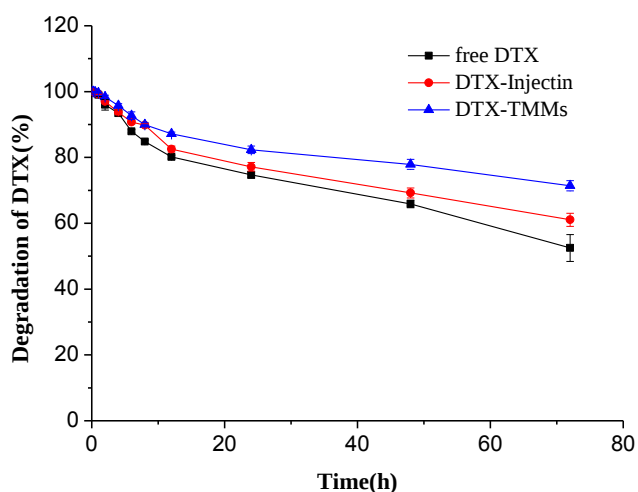


Figure S1. The DTX Degradation rate of different preparations in the release medium (mean±SD, n = 3).

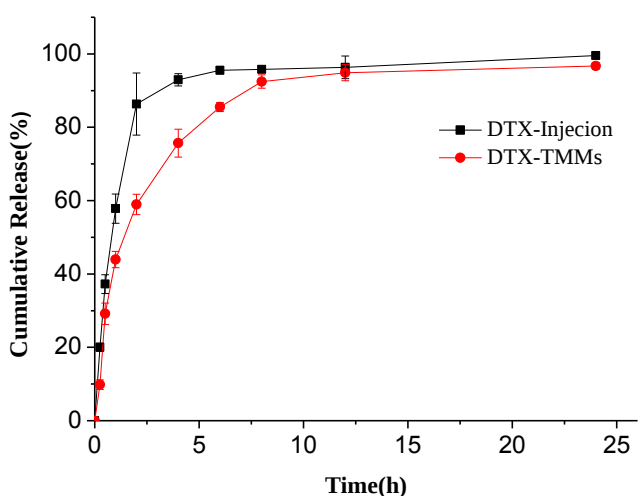


Figure S2. In vitro release profiles of DTX-Injection and DTX-TMMs under the shaking speed of 250rpm (mean ± SD, n=3)