Table 1 Thermodynamic Parameters for the Micellisation of GCPh (mean ± s.d., n = 3)

Mw (Da)	CMC (μM)	ΔG_{mic} (kJ mol^{-1})	ΔH_{mic} (kJ mol^{-1})	$T\Delta S_{mic}$ (kJ mol^{-1})
49,070	0.318 ± 0.025	- 43.5 ± 0.68	+ 272 ± 32	+ 314 ± 32

Mw (Da)	CMC (μM)	ΔG_{mic} (kJ mol^{-1})	ΔH_{mic} (kJ mol^{-1})	$T\Delta S_{mic}$ (kJ mol^{-1})
49,070	0.318 ± 0.025	-43.31±0.68	270.49±31.56	313.79±30.98

Table 2 Hydrodynamic diameter and zeta potential of Paclitaxel formulations

	GCPh nanoparticles	Fine nanocrystals	Large nanocrystals
Size (nm)	183 ± 36	154 ± 22	687 ± 52
Zeta potential (mV)	30 ± 1	46 ± 1	47 ± 0.7

Table 3: Pharmacokinetic parameters associated with paclitaxel formulations

Formulation	Dose (mg kg^{-1})	Pharmacokinetics without verapamil			Pharmacokinetics with verapamil		
		AUC$_{0-4h}$ (ng h mL^{-1})	Cmax (ng mL^{-1})	Tmax (h)	AUC$_{0-4h}$ (ng h mL^{-1})	Cmax (ng mL^{-1})	Tmax (h)
Simulated Taxol	6.7	633	299 ± 46	1	1176	466 ± 200	1
	10	1246	689 ± 363	1	2502	844 ± 180	2
	20	2284	814 ± 331	2	2333	718 ± 220	4
GCPh-PTX	6.7	467	320 ± 181	0.5	544	181 ± 67	2
	10	1023	420 ± 207	2	1181	486 ± 105	1