

**Partitioning of Prototropic Species of an Anticancer Drug Ellipticine in Bile Salt
Aggregates of Different Head Groups and Hydrophobic Skeleton: A Phtophysical Study to
Probe Bile Salt as Multisite Drug Carrier**

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Supporting information

Table S1. The decay components of ellipticine in presence of different bile salts at 440 nm.

System	a ₁ (%)	a ₂ (%)	τ ₁ (ns)	τ ₂ (ns)	<τ> (ns)	χ ²
Conc. of NaDC						
0	0.90	0.10	0.400	3.40	0.700	1.3
2	0.85	0.15	0.600	3.65	1.000	1.2
4	0.80	0.20	0.600	3.80	1.24	1.1
6	0.77	0.23	0.650	4.0	1.42	1.00
8	0.73	0.27	0.73	4.25	1.68	1.05
10	0.70	0.30	0.80	4.50	1.91	1.2
12	0.68	0.32	0.967	4.60	2.13	1.6
16	0.65	0.35	0.890	4.40	2.12	1.2
20	0.62	0.38	0.860	4.29	2.16	1.1
25	0.60	0.40	0.860	4.29	2.23	1.0
Conc. of NaTC						
2	0.88	0.12	0.587	2.45	0.81	1.2
4	0.89	0.11	0.717	3.380	1.00	1.4
6	0.85	0.15	0.600	3.63	1.00	1.4
8	0.82	0.18	0.670	4.00	1.27	1.3
10	0.80	0.20	0.75	4.50	1.50	1.2
12	0.78	0.22	0.830	5.62	1.88	1.1
16	0.75	0.25	0.815	6.166	2.15	1.1
20	0.76	0.24	0.871	6.535	2.23	1.3
25	0.76	0.24	0.871	6.535	2.23	1.3
Conc. of NaTDC						
2	0.88	0.12	0.7	2.5	0.92	1.4
4	0.89	0.11	0.77	3.2	1.00	1.2
6	0.85	0.15	0.600	3.4	1.00	1.4
8	0.82	0.18	0.780	3.8	1.32	1.3
10	0.80	0.20	0.80	4.5	1.54	1.1
12	0.78	0.22	0.83	5.00	1.74	1.1

16	0.75	0.25	0.86	5.4	1.99	1.2
20	0.76	0.24	0.85	5.6	1.99	1.2
25	0.76	0.24	0.85	5.6	1.99	1.1
Conc. of NaC						
2	0.86	0.14	0.6	3.5	1.0	1.3
4	0.80	0.20	0.650	3.86	1.29	1.3
6	0.80	0.20	0.72	4.0	1.38	1.4
8	0.80	0.20	0.75	4.26	1.45	1.2
12	0.76	0.24	0.715	4.26	1.56	1.4
16	0.75	0.25	0.85	4.76	1.83	1.5
20	0.73	0.27	.923	5.00	2.0	1.4
25	0.75	0.258	1.01	5.30	2.12	1.4
Conc. of NaGDC						
2	0.84	0.16	0.518	3.32	0.96632	1.2
4	0.77	0.23	0.861	4.53	1.70487	1.3
6	0.72	0.28	1.04	5.65	2.3308	1.3
8	0.69	0.31	1.06	5.77	2.5201	1.4
10	0.66	0.34	1.1	5.80	2.698	1.4
12	0.64	0.36	1.116	6.28	2.97504	1.2
16	0.62	0.38	1.20	6.40	3.176	1.2
20	0.65	0.35	1.20	6.35	3.0025	1.1
25	0.65	0.35	1.15	6.40	2.9875	1.1